AT&T PRACTICES
MASTER INDEX

NUMERICAL ALPHABETICAL

AT&T Technologies

PROPRIETARY

June 1984

AT&T 000-000-002

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1. INTRODUCTION

A. General

1.01 This practice provides an index to all practices developed and maintained by AT&T Technologies, Inc., and identified under the 9-digit numbering plan. These practices are documents authorized by AT&T Technologies, Inc., as the recommended instructions and criteria for planning, engineering, installing, operating, and maintaining telecommunications equipment and software products designed and manufactured by AT&T Technologies, Inc. These practices also play an important part in the training of personnel.

1.02 This practice will be updated and released quarterly to include all new or reissued practices.

1.03 Recommendations for changes to this practice should be forwarded to AT&T Consumer Products, 2400 Reynolda Rd., Winston-Salem, N.C. 27106—Attn: Dept. 5178.

B. Numbering

1.04 A 9-digit (XXX-YYY-ZZZ) numbering plan is used for AT&T Practices with each practice being assigned a unique 9-digit number in accordance with the subject matter covered. This plan permits organizing information into various catagories to simplify and improve indexing. This plan also provides a convenient means for ordering, distributing, and filing practices.

1.05 In the 9-digit numbering plan, the first three digits, ***XXX,*** identify major categories of information and are referred to as ***division*** numbers. The fourth digit, xxx-***Y,*** identifies a subdivision of a given category of information and is referred to as the ***layer*** number. The fifth and sixth digits, xxx-y***YY,*** represent a further breakdown and are referred to as ***sublayer*** numbers. This scheme permits the breakdown of a division into subcategories of information. The last three digits, xxx-yyy-***ZZZ,*** identify individual practices within a grouping (layers and sublayers) and are referred to as ***key*** numbers.

1.06 The general allocation of divisions to various categories of information is shown in Table A.

TABLE A

CATEGORY OF INFORMATION TO DIVISIONS ALLOCATED

CATEGORY OF INFORMATION	DIVISIONS ALLOCATED
General Information	000-019
Apparatus, Miscellaneous Equipment, Tools, Test Equipment, Power, and Signaling	020-179
Operation Support Systems	190
Switching Systems	200-289
Transmission and Signaling Systems	300-379
Radio	400-449
Customer Equipment:	
Common	460-469
Special Services	470-489
Station Equipment	500-529
PBX	530-559
Teletypewriter	570-589
Data Systems	590-599
Outside Plant	620-649
Test Center Operation	660-669
Loop Assignment	680-689
Motor Vehicles	720-729
Supplies	740-749
Business Information Systems	750-759
Buildings	760-779
Engineering Planning	780-789
Engineering Administration	790
Common Language	795
Equipment Design and General Requirements	800-839
Transmission Engineering	850-889
Outside Plant Engineering	900-939
Radio Engineering	940-944
General Descriptive Information	950-989

C. Indexing

1.07 In addition to this master index, other indexes issued as practices provide a cross-reference between subject matter and practice identity. The arrangement of the content of an index varies according to the intent of the index. The content of a given index may be arranged in one of the following schemes.

- Subject matter listed alphabetically
- Subject matter listed numerically
- Subject matter listed alphanumerically
- Subject matter permuted and listed alphabetically.

1.08 The following types of indexes are issued.

- Master Alphabetical Index
- Master Numerical Index
- Divisional Numerical Index
- Divisional Alphabetical Index
- Interdivisional Numerical Index
- Interdivisional Alphanumerical Index
- Intradivisional Alphanumerical Index.

1.09 ***Master Alphabetical Index:*** This index, AT&T 000-000-001, provides a list of all subjects covered in AT&T Practices. Each subject is cross-referenced to the numerical division (first three digits) in which that subject can be found.

1.10 ***Master Numerical Index:*** This index, AT&T 000-000-005, provides a list of all numerical divisions. Each division is cross-referenced to the subject matter covered in that division.

1.11 ***Divisional Numerical Index:*** An index of this type, AT&T ***XXX***-000-000, is provided for each division. All AT&T Practices within a division, along with their current issue numbers, are listed numerically (nine digits) and the subject matter covered by each is identified. Each index is updated and released monthly provided one or more new or reissued practices within that division have been released during that month. Various symbols are used to denote special conditions of handling, distributing, etc. These symbols are explained in each index.

1.12 ***Divisional Alphabetical Index:*** An index of this type is provided only when justified. Each index provides a list of all subjects covered in that division. Each subject is cross-referenced to the AT&T Practice (nine digits) in which that subject can be found. An example is AT&T 218-000-001, No. 5 Crossbar Offices.

1.13 ***Interdivisional Numerical Index:*** An index of this type is provided only when justified. Each index provides a numerical listing (nine digits) of all practices (regardless of divisions), along with their current issue numbers, containing subject matter for a particular system or service offering. An example is AT&T 234-000-005, 4ESS* Switch.

1.14 ***Interdivisional Alphanumerical Index:*** An index of this type is provided only when justified. Each index provides a listing of all AT&T Practices (regardless of divisions), along with their current issue numbers, containing subject matter for a particular system or service offering. The practices (nine digits) are listed under applicable alphabetized headings. The practices under each heading are listed in numerical sequence. An example is AT&T 533-000-001, ESS-Provided Services—Customer Premises Systems.

1.15 ***Intradivisional Alphanumerical Index:*** An index of this type is provided only when justified. Each index provides a listing of all AT&T Practices in a single division, along with their issue numbers, containing subject matter for a particular system or service offering. The practices (nine digits) are listed under applicable alphabetized headings. The practices under each heading are listed in numerical sequence.

* Trademark of AT&T Technologies.

D. Issue Identifiers

1.16 Each practice is assigned an issue number beginning with the arabic number 1. Each reissue is assigned the next higher number. When Issue 99 has been reached, the next issue will revert to Issue 1. Each practice is dated and this date indicates the month in which this particular issue was released to the field.

E. Addenda

1.17 An addendum to a practice is issued when there is an urgent need to add, to change, or to delete information. Each addendum will be self contained on a single sheet and should be filed in front of the practice it addends.

1.18 The 9-digit number of an addendum is the same as that of the practice it addends. It is assigned an issue identifier and dated in the same manner as practices (see paragraph 1.16).

1.19 Addenda are shown in the appropriate divisional numerical index by the abbreviation "Add."

F. Appendixes

1.20 An appendix to a practice is used to cover optional information which is permanent in nature or is supplemental to the information within the practice. Hence, an appendix does not refer to the issue number of the practices being appended.

1.21 The first appendix to a practice is designated Appendix 1. Additional appendixes are designated Appendix 2, Appendix 3, etc. Each appendix has a unique title describing its contents.

1.22 The 9-digit number of an appendix is the same as that of the practice it appends. It will be assigned an issue identifier and date of issue in the same manner as practices (see paragraph 1.16).

1.23 Appendixes are shown in the appropriate divisional numerical index by the abbreviation "Append."

G. Size, Binding, and Paper Colors

1.24 Practices (with the exception of those in the form of handbooks), addenda, and appendixes

are furnished in 8-1/2 by 11 inch sheet size. The binding edge is suitably punched for approved binders. Approved binders are furnished with Task Oriented Practices (TOP). Practices furnished in the form of handbooks are permanently bound.

1.25 The following colors of paper are normally used.

(a) Practices and appendixes—white

(b) Addenda—pink.

H. Use, Distribution, and Ordering

1.26 All practices are available as hard copies; most are available also on microfiche. Those that are not available on microfiche are so indicated in the divisional numerical indexes. Practices may be ordered by contacting the AT&T Customer Information Center (CIC), P.O. Box 19901, Indianapolis, Indiana 46219, (800) 432-6600 or (317) 352-0011.

1.27 Only the latest issue of each practice is stocked and distributed by CIC. The latest issue numbers are shown in the divisional numerical indexes. Each index is updated and released each time there is a practice released within the division.

1.28 ***Addenda and Appendixes—Hard Copy:*** Addenda and appendixes can be ordered in hard-copy form without ordering the practice being addended or appended. However, if a practice having an associated AT&T-issued addendum or appendix is ordered, the addendum or appendix will automatically be supplied with the practice.

1.29 ***Addenda and Appendixes—On Microfiche:*** If a practice has an associated AT&T-issued addendum and/or appendix and is available on microfiche, the practice and its addendum and/or appendix are entered on the same microfiche. Consequently, neither the practice nor its addendum or appendix can be ordered separately.

I. Master Alphabetical Index—All Divisions

1.30 The Master Alphabetical Index contained in this practice provides an alphabetically arranged list of all major subjects covered in practices. Each subject is cross-referenced to the numerical division (first three digits) in which that subject can be found.

J. Master Numerical Index—All Divisions

1.31 The Master Numerical Index contained in this practice provides a list of all divisional numerical indexes. Each division is cross-referenced to the subject matter covered in that division.

K. Divisional Numerical Index

1.32 The Divisional Numerical Index contained in this document provides a listing of divisions and the practices which have been issued within each division. The latest issue number for each practice is shown.

L. Catalog of Indexes

1.33 The Catalog of Indexes contained in this practice provides a numerical listing of all 9-digit practice indexes other than the Divisional Numerical Indexes.

2. MASTER ALPHABETICAL INDEX — ALL DIVISIONS

A. General

2.01 This index provides an alphabetically-arranged list of the subjects covered in Bell System, AT&T Western Electric, and AT&T 9-digit Practices. Each subject is cross-referenced to the division in which information pertaining to that subject can be found. Only the first three digits of the 9-digit division number are shown.

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- Wiring . . . 005

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- Coordination Methods . . . 010
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- Maintenance Methods . . . 010
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- Radio . . . 400
- Records and Reports . . . 010

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3. MASTER NUMERICAL INDEX — ALL DIVISIONS

A. General

3.01 This section provides a numerical listing of all divisional numerical indexes published by Bell System, AT&T Western Electric, and AT&T Practices and the subjects covered by each.

B. Master Numerical Index

000-) GENERAL INFORMATION
019-)

000 000 000	General Information — Practices
000 000 001	Master Alphabetical Index — All Divisions
000 000 002	Master Numerical Index — All Divisions
000 000 007	Master Alphabetical Index — Tool Checklist Practices
003 000 000	Abbreviations, Definitions, Drawings Requirements, Tables, Specifications, and Symbols
006 000 000	Computer Visual Systems and Methods
010 000 000	General Methods

020-) COMMON
021-)

020 000 000	Common Information — Divisions 020 to 178 Inclusive

022-) APPARATUS
049-)

024 000 000	Amplifiers, Controllers, Current Limit, Regulators, and Electron Tubes
026 000 000	Banks, Clutches, Commutators and Commutator Brushes, Elevator Apparatus, Molding Rosters and Rods, and Trip Rods for Panel Offices — Circuit Breakers, Compressors, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches, Selectors, and Starters
028 000 000	Accommodations, Bells, Buzzers, Desk Pen Attachments and Mountings, Gongs, Head Telephone Sets, Headsets, Potentiometers, Resistors, Ringers, and Sounders
030 000 000	Cathodographs, Cell Timing Switch, Counters, Clocks, Counters, Photo Processors, Printers, Selector Markers, Responsive Cards, Switches, Tape Printers, Trippers, Timers, and Time Stamps
032 000 000	Capacitors, Connecting Cords, Card Reads, Diodes, Direct Inlet Keys, Lamps, Plugs, Reactors, Test Signals, Sockets, Thermistors, Transistors, and Varistors
034 000 000	Distributors, Regenerators, and Regenerative Repeaters for Teletypewriter Service — Inked Tape Reels and Roller Cleaning Cabinets, Perforators, Readers, Receivers, Reperforator-Repeaters, Type Announcing Machines, and Translators
040 000 000	Relays

056-) MISCELLANEOUS EQUIPMENT, MATERIALS,
069-) CIRCUITS, AND METHODS

065 000 000	Miscellaneous Equipment and Materials
067 000 000	Contingencies
069 000 000	Miscellaneous Material

074-) TOOLS AND GAUGES
099-)

074 000 001	Checklist Information — Tools
075 000 000	Tools and Materials (Common Usage) — Maintenance, Selection, and Use
076 000 000	Tools and Materials — Switching Systems and Power — Maintenance, Selection, and Use
080 000 001	Test and Materials — Common Equipment
081 000 000	Test and Materials — Circuit Type
084 000 000	Catalogue Information — Gauges — Electrical Indicating Instruments and Meters
085 000 000	Gauges (Common Usage) — Maintenance, Selection, and Use

100-) TEST EQUIPMENT
109-)

100 000 000	Test Equipment, Electrical Indicating Instruments and Meters (Common Usage) — Maintenance, Selection, and Use
102 000 000	Test Equipment, Electrical Indicating Instruments and Meters, Switching Systems and Power — Maintenance, Selection, and Use
103 000 000	Transmission Test Equipment
104 000 000	Radio Test Equipment
106 000 000	PBX and Switch Test Equipment
106 010 000	Outside Plant Electrical Test Equipment
107 000 000	Data and Teletypewriter Test Equipment

155-) POWER
178-)

155 000 000	Alternators, Engine-Alternators, Gas Turbine Alternators, Tone Alternators, Time Machines, Ringing and Tone Control Generators, Charging Generators, and Motor-Generators
157 000 000	Batteries
159 000 000	Engines and Engine Sets, Motors, Dynamotors, and Rotary
161 000 000	Speed Reduction Units, Converters, Inverters, and Rectifiers, Compressors, Compressor Dehydrators, Dehydrators, Emergency Sets, Line, Tube Cooling Systems, Ventilating Equipment, Coil Assemblies, Motors, and Winches

163 000 000 Interrupters, Ringing Machines, and Fuse Cutouts

167 000 000 Power Plants, Power Units, and Power Supply

169 000 000 Rectifiers and Element Supplies

171 000 000 Miscellaneous Power Circuits and Equipment

179- SIGNALING EQUIPMENT

179-000 000 Signaling Circuits and Associated Ringer Circuits

190- OPERATIONS SUPPORT SYSTEMS

190 000 000 Operations Centers and Support Systems — Operations, Maintenance, and Administration

191 000 000 Operations Center Deliverable Documentation

200-) 289-) SWITCHING SYSTEMS

201 000 000 Supplemental Information — Central Offices

205-000 000 Automatic Data Test Circuits

210 000 000 Service Observing and Plant and Traffic Desks

211 000 000 No. 1, 3, 5, and 6 Toll Offices, No. 1, 3, 5, and 6 Toll Switchboards, and No. 6A Teletypewriter Switchboard

212 000 000 No. 4A and 4M Toll Switching Systems

214 000 000 No. 1 Crossbar Offices

215 000 000 No. 1, No. 5, and No. 5A Crossbar Offices

220 000 000 Crossbar Tandem Offices

225 000 000 Testing Information Applying to Specific Step-by-Step and Community Dial Offices

226 000 000 Equipment Common to More Than One Type Step-by-Step and Community Dial Office

227 000 000 General and Testing Information Applying to Intertoll Dialing (CAMA, AMA, 611), Touch-Tone Calling and Common Control Equipment — Step-by-Step Systems

230 000 000 Data Networks Systems

231 000 000 1 and 1A ESS* Switches

232 000 000 2, 2B ESS Switch

233 000 000 3ESS Switch

234 000 000 4ESS Switch

235 000 000 5ESS Switch — Digital Switching System

240 000 000 101 ESS Switch

250 000 000 Traffic Service Systems

252 000 000 Traffic Management Systems

254 000 000 Stored Program Control

255 000 000 Processor Controlled and Ancillary Systems

236 000 000 Common Channel Signaling System 6 (C6)

300-) 379-) TRANSMISSION AND SIGNALING SYSTEMS AND TESTING

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309 000 000 Switched Services Networks

310 000 000 Nonswitched Special Services System

311 000 000 Switched Special Services Systems

312 000 000 Private Line Data Systems and Services

313 000 000 Voice and Voiceband Data Channels

314 000 000 Digital and Analogue Data Transmission Systems

315 000 000 Telewriter Systems

320 000 000 Program Transmission Systems and Services

330 000 000 Cable and Open Wire Testing and Trouble Location Methods

331 000 000 Transmission and Noise Testing, Central Office PBX Customer Lines and Equipment

332 000 000 Voice Frequency Telephone Repeaters, Pilot Wire Regulators, E-Bar Supervision, Composite Sets and Associated Equipment

333 000 000 Interoffice Signaling Systems and Testing

340 000 000 PICTUREPHONE* Services — Switched Video Transmission

341 000 000 PICTUREPHONE Transmission — Performance Plan

354 000 000 Frequency Generating Systems

355 000 000 Type K Carrier Telephone Systems and Associated Equipment Components

356 000 000 Analog Multiplex Terminal Equipment

357 000 000 Wire Line Entrance Links and Broadband Entrance Links and Interconnection

358 000 000 Type L1 Carrier Telephone System and Associated Equipment Components

359 000 000 L3, L4, L4S, L5, and L5E Carrier

360-000 000 Maintenance Center Tests — Equipment Components — Type L1 and L3 Carrier Telephone Systems

361 000 000 Service Center Tests — Type K, O, and ON Carrier Systems

362 000 000 Type N, O, and ON Carrier Telephone Systems and Associated Equipment Components

363-000 000 Fiber Optic Systems

365 000 000 Digital Transmission Systems

371 000 000 Broadband Restoration

*Trademark of AT&T Technologies

400-) 449-) RADIO

400 000 000	Radio Administration
402 000 000	Antennas, Transmission Lines, and Waveguide
403 000 000	Coastal Harbor, High Seas Overland and Emergency Point-to-Point Radio
404 000 000	Mixed Mobile Radio
405 000 000	AM, MK, and MI Mobile Radiotelephone
406 000 000	Air Lanland Radio
407 000 000	Personal Radio Services
408 000 000	Wegener-MCA Federal RFI (Nonvoice) ALC/ATC Channel and Other Non-Wireless Radio, Microwave Radio, and TV Off-the-Air Pick-Up Services
409 000 000	TF, TI, TL and TM Microwave Radio
410 000 000	2D/2 Microwave Radio
411 000 000	TD 3 Microwave Radio
412 000 000	TH-1 Microwave Radio
413 000 000	TD 3 Microwave Radio
414 000 000	TD 3D Microwave Radio
415 000 000	TH-3 Microwave Radio
416 000 000	3A Radio Digital System
417 000 000	Single Sideband Multiwave Radio System
420 000 000	Microwave Radio — Common Equipment
421 000 000	TF/DR Microwave Radio Systems
422 000 000	Common Microwave Radio — Transmitter Systems

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460-) 469-) COMMON TO CUSTOMER EQUIPMENT

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461 000 000	Wires and Cabling — Customer Equipment
462 000 000	Drop and Riser Wiring — Dedicated Plant and Customer Wire
463 000 000	Miscellaneous Station Apparatus for Use With Station Installations

470-) 489-) SPECIAL SERVICES

473 000 000	Inter-PBX Facilities, Uses Calling Customer Trunks, Transferring, Emergency Reporting, Interception, Message Waiting, Recorded Telephone Devices — Telephone Answering Systems and Transmission Trunks
474 000 000	Call Directing System (CDS) for Information Desks and Order Takers
475 000 000	Force Administration Data System (FADS) — Automatic Call Distributing System (ACD) Type 2A, 2B, and 3A and Call Distributing System (CDS) Type
476 000 000	Private Switched System
481 000 000	Teleconferencing Services

500-) 529-) STATION EQUIPMENT

500 000 000	General Considerations for Station Installations
501 000 000	Station Set Components
502 000 000	Common Battery Station Sets
503 000 000	Manual Station Sets — Common Battery
504 000 000	Special Company Telephone Franked Penalty Apparatus Sets
506 000 000	P.L. Typewriter Sets
510 000 000	Station Set and Cord Connector — Hand Rotary and Magneto
512 000 000	Automatic Dialed Sound Back Key Equipment Intercom Systems Modification and Special Purpose Systems
514 000 000	Telephone Intercom and Announcement Systems
518 000 000	Key Telephone Systems, Voice Telephone Sets, and Switching Systems
529 000 000	Station Apparatus and Equipment Intended to be Specially Engineered Lines — Hold Key Coils and Telephone Sets

530-) 559-) PRIVATE BRANCH EXCHANGES

533 000 000	Customer Premises Systems (CPS) Switch Related Customer Services
534 000 000	Switching Mapping to Allow Two-Two PBX Swings — 500, 600, 700, and 800 Series — Manual and Dial PBX
536 000 000	500 Series PBX
538 000 000	600 Series PBX
540 000 000	Switches Applying to More than One 700 Series PBX Including Centrex CO, Assistant Operators for Centrex CO, and Touch-Tone Dialing
541 000 000	1600 and 1700 PBX
542 000 000	701 and 711 Type PBX
543 000 000	702A PBX
545 000 000	750 Type PBX
548 000 000	750A PBX
550 000 000	1AA PBX

551 000 000	2568 2578 2188 2888 2882 751 and 772 PBX
553 000 000	800 Series PBX
554 000 000	DIMENSION® PBX

570-) 589-) TELETYPEWRITER AND OTHER DATA TERMINALS

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572 000 000	14, 15, 19 Inch and 20 Type Teletypewriters
573 000 000	28 Type Teletypewriters
574 000 000	Teletypewriter 33 Series and Teleprinters
578 000 000	Miscellaneous Data Terminals
579 000 000	Teletypewriter Field Maintenance Personnel/Field Installation Maintenance Printers
580 000 000	Teletypewriter Switching Systems
581 000 000	Teletypewriter Selective Calling Systems
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590 000 000	General Information
591 000 000	100 Series Data Sets and Associated Services
592 000 000	200 Series Data Sets and Associated Services
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595 000 000	500 Type Service Units and Sets for Digital Switched Services
596 000 000	600 Series Data Sets and Associated Services
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621 000 000	Pole Lines
622 000 000	Conduit, Manholes, and Cable Vaults
623 000 000	Open Wire
624 000 000	Multiple Wire
626 000 000	Cables, Wire, and Apparatus — General Information
627 000 000	Aerial, Buried, and House Cable
628 000 000	Underground Cable
629 000 000	Buried Wire
630 000 000	Submarine Cable
631 000 000	Cable Terminals
632 000 000	Cable Splicing
633 000 000	Loading Coils
634 000 000	Electronic Circuit Equipment and Systems
635 000 000	Repeaters
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660 000 000	Test Center Operation
662 000 000	Trunk and Toward Test Desk and Line Equipment
664 000 000	Instruments for Cable Plant Service Tests
666 000 000	Subscriber and Test Equipment for Circuit Service
667 000 000	Switched Maintenance Access System (SMAS)
668 000 000	Data Test Center

680-) 689-) LOOP ASSIGNMENT

680 000 000	Loop Assignment — Operations Systems
682 000 000	Plant Assignment — Trunk Plant and Special Services

720-) 729-) MOTOR VEHICLES

720 000 000	Motor Vehicles and Construction Apparatus

740-) 749-) MATERIALS MANAGEMENT

747 000 000	Plug-In Equipment — Central Office and Customer Premises Switching

750-) 759-) BUSINESS INFORMATION SYSTEMS

750 000 000	BISP General
756 000 000	Trunks and Special Services

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740 000 000 Building Engineering

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780-) 789-) ENGINEERING PLANNING

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802 000 000 Private Systems

804 000 000 Toll Systems

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809 000 000 Private Branch Exchange Systems

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814 000 000 Step-by-Step Systems

816 000 000 No. 1 Crossbar System

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820 000 000 1 1A 2 2A 3 and 4ESS Switches; 1A Processor and Remote Switching Systems

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966 000 000 ESS Systems

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981 000 000	Integrated Customers Premises Communications Systems (Private Branch Exchanges)
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4. DIVISIONAL NUMERICAL INDEX

A. General

4.01 This index provides a numerically arranged list of Bell System, AT&T Western Electric, and AT&T Bridge practices.

4.02 Each practice entry consists of the 9 digit practice number, the issue number, and the subject covered in the practice.

4.03 A clover (♣) indicates a practice that refers to another manufacturers' product — providing guidance for fixing purposes and instructions for ordering the material.

4.04 A spade (♠) indicates no data not on microfiche. The index indicates the last issue for hard copy use; in some cases, the last issue for CDT will reflect the next higher issue as a result of the restricted distribution concept.

4.05 A solid triangle (▲) indicates a Task Oriented Practice (TOP). These practices, because of limited need, will not be distributed on standing order through called distribution. Additional copies may be obtained by placing regular (one-time) orders.

4.06 A star (★) indicates an issue where AT&T SPCS which contains trade secret information (not which is available to authorized addressees) only.

4.07 "Add" is the abbreviation for Addendum.

4.08 "Append" is the abbreviation for appendix and the numeral to the right of the abbreviation is the appendix number.

4.09 "Sup" is the abbreviation for supplement.

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000-000-003	1	Catalog of Indexes (Excluding Divisional Numerical Indexes)
000-000-005	5	Master Numerical Index — All Divisions
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024-121-100 2 A-120 (McIntosh) — Description

024-121-300 2 A-120 (McIntosh) — Initial and Routine Tests

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	024-150-100	4	KS-Specification — Speech Amplifiers — General Information
	024-150-101	1	KS-16508, L1 and L2 Amplifiers — Description
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	024-150-501	1	KS-16508-L1 — Transmission Tests
	024-150-502	1	KS-16547-L1 — Transmission Tests
	024-150-503	2	KS-16608 L1 and KS-16610 L1 Amplifiers — Transmission Tests
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	024-174-100	2	KS-20449 Amplifier — Description
	024-174-200	2	KS-20449 Amplifier — Installation, Connections, and Maintenance
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	024-175-100	3	Transistor Amplifiers — KS-16831, L1, L2, L3
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	024-175-110	3	KS-20159 Equalizer-Amplifier — Description
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	024-175-200	1	KS-16831 — Installation and Maintenance
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	024-175-510	2	KS-20159 Equalizer-Amplifier — Tests, Adjustments, and Operation
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	024-176-200	6	KS-16754 — Identification, Installation, Connections and Maintenance
	024-177-100	2	KS-19219, L1 — (3 Watts)
	024-177-500	2	KS-19219, L1 — Transmission Tests
	024-178-100	2	KS-19602, L1 — Description
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	024-178-500	1	KS-19602, L1 — Tests
	024-179-100	1	KS-19601, List 1 Amplifier
	024-179-500	1	KS-19601, List 1 Amplifier — Transmission Tests
	024-180-100	1	KS-19220, List 2 Amplifier
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	024-191-102	1	KS-14792, L5 Line Matching Transformer
	024-192-100	1	KS-16504 Handset — Transmission Characteristics
	024-195-100	1	Description and Operation
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	024-195-200	1	1A — Installation and Connections
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	024-321-701	2	36A Control Unit — Requirements and Adjusting Procedures

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	024-330-701	3	Pilot Wire Master Flat Gain Controller — KS-7664 — Requirements and Adjusting Procedures
	024-330-801	2	Pilot Wire Master Flat Gain Controller — KS-7664 — Replacement Parts and Procedures
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	024-331-701	3	Pilot Wire Master Twist Controller — KS-7781 — Requirements and Adjusting Procedures
	024-331-801	2	Pilot Wire Master Twist Controller — KS-7781 — Replacement Parts and Procedures
	024-332-701	2	Brown Indicating Controller — KS-6835 — Requirements and Adjusting Procedures
Add	024-345-701	1	
	024-345-701	3	Motor Controller KS-5647 — Starter KS-15821 — Requirements and Adjusting Procedures
	024-346-701	5	KS-5755, KS-15868, and KS-15983, Starters — Requirements and Adjusting Procedures
	024-346-801	3	Starters — KS-5755, KS-15868 and KS-15983 — Replacement Parts and Procedures
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	024-350-801	3	Voltage Controller KS-5519 — Replacement Parts and Procedures
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	024-408-701	3	KS-2749 Regulator — For Pilot Wire Transmission Regulating System — Requirements and Adjusting Procedures
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	024-420-301	4	Speed and Voltage Regulator — J86253A and J862538 — Operating Methods
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	024-443-301	3	Voltage Regulator and Rectifier — J86246A and J86246B — Operating Methods
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DIVISION 026 — BANKS CLUTCHES, COMMUTATORS AND COMMUTATOR BRUSHES, ELEVATOR APPARATUS, MULTIPLE BRUSHES AND RODS, AND TRIP RODS FOR PANEL OFFICES — CIRCUIT BREAKERS, COMPENSATORS, CONTACTORS, CONTROL PANELS, FUSES AND MOUNTINGS, MAGNETIC SWITCHES, SELECTORS, AND STARTERS

026-0 Indexes and Equipment Test Lists
-3 Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches and Starters
-7 Selectors

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Registered Trademark of the Burroughs Co.

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026-001-012	4	ETL — Motor-Driven Selectors
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026-3 CIRCUIT BREAKERS, COMPENSATORS, CONTACTORS, CONTROL PANELS, FUSES AND MOUNTINGS, MAGNETIC SWITCHES AND STARTERS

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	026-305-701	10	Autotransformer-Type Starters and Compensators — General Electric Company — Requirements and Adjusting Procedures
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	026-306-701	2	I.T.E. Circuit Breakers — Requirements and Adjusting Procedures
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Add	026-310-701	1	
	026-310-701	3	Circuit Breaker KS-15636 — Requirements and Adjusting Procedures
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	026-315-701	1	Circuit Breakers — KS-15910 — Requirements and Adjusting Procedures
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	026-320-701	3	Reverse Current Circuit Breakers — Automatic Electric Inc. — D-7064, D-7065, D-7066, and D-7099 — Requirements and Adjusting Procedures
	026-340-701	2	Automatic Starters and Compensators — Having No KS Designations — Cutler-Hammer, Inc., Square D Company, and Ward Leonard Electric Company — Requirements and Adjusting Procedures
Add	026-343-701	1	
	026-343-701	1	Autotransformer Type Starters — Allen-Bradley Company — Requirements and Adjusting Procedures
	026-343-801	1	Autotransformer-Type Starters — Allen-Bradley Company — Replacement Parts and Procedures
Add	026-347-701	1	
	026-347-701	1	Starters, Circuit Breakers, Contactors, Field Control Panels, and Magnetic Switches — General Electric Company — Requirements and Adjusting Procedures

026-350-701 6 Contactors — KS-5323, KS-5323-01, KS-5694, and KS-15572 — Requirements and Adjusting Procedures

026-350-801 2 Contactors — KS-5323, KS-5323-01, KS-5694 and KS-15572 — Piece-Part Data and Replacement Procedures

026-352-701 2 Contactors — KS-5626 — Square D Company — Requirements and Adjusting Procedures

026-354-701 2 Contactors — KS-5642 — Westinghouse Electric Corp. — Requirements and Adjusting Procedures

026-355-701 2 DC Contactor — Plunger Type — KS-5722 — Requirements and Adjusting Procedures

026-356-701 7 Resistor and Across-the-Line Type Starters — Allen-Bradley Company and Ward Leonard Company — Requirements and Adjusting Procedures

026-360-701 4 Contactors — KS-15514 and KS-15934 — Requirements and Adjusting Procedures

026-360-801 2 Contactors — KS-15514 and KS-15934 — Replacement Parts and Procedures

026-365-701 5 Contactors KS-5757, KS-15072, KS-15674, KS-19598, and Contactors Having No KS- Designations — Allen-Bradley Company and Westinghouse Corporation — Requirements and Adjusting Procedures

026-370-701 9 Fuses, Mountings, and Enclosures — Requirements and Adjusting Procedures

026-370-801 8 Fuse Caps, Blocks, Clips, Holders, Mountings, Panels, and Posts — Repair and Replacement Procedures

026-371-501 9 Fuses and Fuse Panels — Inspection

026-380-101 1 Autotransformer-Type Manual AC Starters — General Electric Company — Description

026-380-701 4 Autotransformer-Type Manual AC Starters — General Electric Company — Requirements and Adjusting Procedures

026-380-801 2 Autotransformer-Type Manual AC Starters — General Electric Company — Replacement Parts and Procedures

026-382-701 1 Multi-Step Starters — General Electric Company — Requirements and Adjusting Procedures

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026-390-101 1 Cutler-Hammer Automatic DC Motor Starters — Description

026-390-701 1 Cutler-Hammer Automatic DC Motor Starters — Installation and Maintenance Requirements

026-392-301 2 Air-Starting Equipment for Diesel Engine-Alternator Sets — Operating Methods

026-392-701 2 Air-Starting Equipment for Diesel Engine-Alternators — Requirements and Adjusting Procedures

026-392-801 2 Air-Starting Equipment for Diesel Engine-Alternators — Replacement Parts and Procedures

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026-706-501 1 200-Type Selectors — Operation Test — Panel Machine Switching Offices

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026-706-701 14 200-, 206-, 209-, and 211-Type Selectors and 10-, 26-, and 32-Type Banks — Requirements and Adjusting Procedures

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026-706-712 2 200-, 206-, 209-, and 211-Type Selectors — Voltage Tests — Using No. 35D or 35E Test Set or Voltmeter

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026-706-801 8 200-, 206-, 209-, and 211-Type Selectors and 10-, 26-, and 32-Type Banks — Piece-Part Data and Replacement Procedures

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026-708-801 6 204-Type Selectors — Piece-Part Data and Replacement Procedures

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026-740-701 4 Power-Driven Rotary Selectors Together With Associated Banks — Requirements and Adjusting Procedures

026-740-801 3 Power-Driven Rotary Selectors Together With Associated Banks — Piece-Part Data and Replacement Procedures

DIVISION 028 — AUTO-TRANSFORMERS, BELLS, BUZZERS, DIALS, DIAL ADAPTERS AND MOUNTINGS, GONGS, HEAD TELEPHONE SETS, HEADSETS POTENTIOMETERS, RHEOSTATS, RINGERS, AND SOUNDERS

028-0 Indexes and Equipment Test Lists

1 Bells, Buzzers, Gongs, Ringers, and Sounders

3 Dials, Dial Adapters and Mounting; Head Telephone Sets and Headsets
7 Autotransformers, Potentiometers, and Rheostats
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028-001-012 7 ETL — Rheostats

028-001-013 3 ETL — Bells, Buzzers, Chimes, and Sounders

028-001-014 3 ETL — Dials, Head Telephone Sets and Headsets

028-1 BELLS, BUZZERS, GONGS, RINGERS, AND SOUNDERS

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028-101-701 1-D 10- and 11-Type Bells and 10-Type Buzzers — Requirements and Adjusting Procedures

028-102-701 5 Bells, Chimes, and Signals — Solenoid Type — Requirements and Adjusting Procedures

028-102-801 4 Bells, Signals, and Chimes — Solenoid Type — Piece-Part Data and Replacement Procedures

028-110-701 1 1-Type Buzzers — Requirements and Adjusting Procedures

028-111-701 2 2-Type Buzzers — Requirements and Adjusting Procedures

028-112-701 2 4-Type Buzzers — Requirements and Adjusting Procedures

028-113-701 6-D 8-Type Buzzers — Requirements and Adjusting Procedures

028-120-701 1-D Buzzers — Nos. 12092 and 12093 — Requirements and Adjusting Procedures

028-130-701 4-D Ringers — No. 6A, 6J, 6M, 6N, 7A, 8A, 8JA, 37H, 38B, 40A, 40B, 42A, 51A, 51B, 55B, 65B, 68A, 68J, 68JA, 72A, 78A, 78J, and B1A, B1AA, B1AB, B1AI, B2A, B2AI, B3A and B3B — Requirements and Adjusting Procedures

028-131-701 1 Ringers — C4 and C5 Types — Requirements and Adjusting Procedures

028-131-801 1 Audible Alarm Signal Gongs for Office and Miscellaneous Alarms — C4A and C5A Ringers — Piece-Part Data and Replacement Procedures

028-140-701 1-D 3-Type Sounders and 12521 Sounders — Requirements and Adjusting Procedures

028-141-701 1 7-A Polarized Sounder — Requirements and Adjusting Procedures

028-3 DIALS, DIAL ADAPTERS AND MOUNTINGS; HEAD TELEPHONE SETS AND HEADSETS

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028-300-701 10 Dials — 2, 4, 5, and 6 Types — Requirements and Adjusting Procedures (Condensed Section 028-930-701)

028-300-801 6 Dials — 2, 4, 5, and 6 Types and Associated Dial Mountings and Dial Adapters — Piece Part Data and Replacement Procedures

028-305-100 1 Dials — 27 Type

028-310-811 4 Operator Dials and Associated Dial Mountings — Procedures for Cording

028-349-101 2 660 Communication Panel — Description and Connections

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028-350-501 2 Headset — KS-19796 — Visual Inspection and Electrical Tests

028-350-801 3 KS-19796 — Piece Part and Replacement Procedures

028-351-501 7 KS-20778 Head Telephone Sets, KS-21430 Headset and KS-22729 STARSET II* — Description, Use, and Maintenance

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028-352-501 2 KS-21118 Head Telephone Sets

028-360-501 7 52-Type Head Telephone Sets — Visual Inspections and Electrical Tests

028-360-811 10 52-Type Head Telephone Sets — Piece-Part Data, Replacement Procedures, and Minor Repairs

028-360-817 1 52A and 52B Head Telephone Sets — Modification to Provide a Rotation Stop Bar

028-360-821 5 Operator Telephone Sets — Method of Wrapping Cords and Associated Parts

028-361-501 2 53-Type Head Telephone Sets — Visual Inspections and Electrical Tests

028-361-811 8 53-Type Head Telephone Sets — Piece-Part Data, Replacement Procedures, and Minor Repairs

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028-362-801 5 60-Type Head Telephone Sets — Piece-Part Data and Replacement Procedures

028-363-501 3 61-Type — Visual Inspection and Electrical Tests

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*Registered trademark of Plantronics, Inc.

028-371-501 5 1022A, 1023A, 1024A, 1024B, 1026A, 1027A, and 1028A-Type Headsets — Description, Application, and Maintenance

028-371-811 5 1022A-, 1023A-, 1024A-, 1024B-, 1026A-, 1027A-, and 1028A-Type Headsets — Piece-Part Data and Replacement Procedures

028-372-100 1 500A Adapter — Identification, Installation, Operation, and Maintenance

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028-705-701 4 Autotransformers — Continuously Tapped Type — Manually Operated — KS-5657, KS-15594, KS-15646, KS-15814, KS-15831, KS-15843, and KS-15955 — Requirements and Adjusting Procedures

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028-706-701 9 Autotransformers — Continuously Tapped Type — Motor-Driven — Requirements and Adjusting Procedures

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028-720-701 3.D Rheostats, Switch Rheostats, and Potentiometers — Manually Operated — Miscellaneous Types — Requirements and Adjusting Procedures

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028-9 CONDENSED SECTIONS

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030-0 Indexes and Equipment Test Lists
-1 Calculagraphs, Clocks, Timers, Call Timing Switch, and Time Stamp
-3 Cameras, Counters, Photo Processors, Registers, Tape Printers, and Ticketers
-7 Selector Multiple Designation Cards, Switches
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030-001-012 6 ETI — Calculagraphs, Clocks, and Timers

030-001-013 4 ETI — Cameras and Photo Processing

030-001-014 5 ETI — Counters, Registers, and Ticketers

030-001-015 8 ETI — Switches

030-1 CALCULAGRAPHS, CLOCKS, TIMERS, CALL TIMING SWITCH, AND TIME STAMP

030-100-101 1 Calculagraphs, Spring Driven — Description

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030-100-301 1 Calculagraphs — Models 6 and 30 and KS-7769 (Model 33) — Operating Methods

030-100-701 6 Calculagraphs — Models 6 and 30 — Requirements and Adjusting Procedures

030-100-801 6 Calculagraphs — Models 6 and 30 — Piece Part Data and Replacement Procedures

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030-110-701 2 Electric Clock — KS-8155 — Requirements and Adjusting Procedures

030-111-501 1 Measurement of Timing Intervals — Using S1 Timer

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DIVISION 034 — DISTRIBUTORS, REGENERATORS, AND REGENERATIVE REPEATERS FOR TELETYPEWRITER SERVICE — AMA TAPE REELS AND REELER, CLEANING CABINET, PERFORATORS, READERS, RECORDERS, RECORDER-REPRODUCERS, TAPE ANNOUNCING MACHINE AND TRANSLATORS

034-0 Indexes and Equipment Test Lists
- .1 Distributors, Regenerators, and Regenerative Repeaters (Teletype)
- .3 Perforators, Readers, Cleaning Cabinet, Recorders, Recorder-Reproducers, Tape Reeler, AMA Tape Reel and Tape Announcing Machine
- .7 Translators

034-0 INDEXES AND EQUIPMENT TEST LISTS

◆ 034-000-000 25 Numerical Index — Division 034 — Distributors, Regenerators, and Regenerative Repeaters for Teletypewriter Service — AMA Tape Reels and Reeler, Cleaning Cabinet, Perforators, Readers, Recorders, Recorder Reproducers, Tape Announcing Machine and Translators

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	034-361-301	1	Recorder — KS-20017 L3 — Trouble Locating Procedures
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	034-361-701	1	Recorder — KS-20017, L3 — Requirements and Adjusting Procedures
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	034-367-801	2	Recorder — KS-19897 — Piece-Part Data and Replacement Procedures
	034-368-301	2	Recorder — KS-19829 — Magnetic Tape Handling and Threading
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	034-368-302	1	Recorder — KS-19829 — Troubleshooting Procedures
	034-368-701	4	Recorder — KS-19829 — Requirements and Adjusting Procedures
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	034-368-801	3	Recorder — KS-19829 — Piece-Part Data and Replacement Procedures
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	034-375-801	5	AMA Tape Reels — Piece-Part Data and Replacement Procedures
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	034-700-703	6	1-Type Translator — 214A Selector — Requirements and Adjusting Procedures
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*Registered U.S. Patent Office, TEKTRONIX, INC.

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Note: References to a specific radio system or systems (as TI or TJI) are for information only. Such designations do not appear on the practices themselves, and do not preclude the use of the test equipment for other than the indicated system. Remember that usages may change as test equipment originally designed for one system is found to be useful in testing another.

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	155-107-701	2	Motor-Alternator — KS-15993 — Requirements and Adjusting Procedures
	155-107-801	2	Motor-Alternator — KS-15993 — Replacement Parts and Procedures
	155-108-701	2	KS-5654 and KS-5654-01 AC-DC — Requirements and Adjusting Procedures
Add	155-108-801	1	
	155-108-801	1	KS-5654-01 AC-DC — Replacement Parts and Procedures
	155-109-701	2	Motor-Alternator — KS-15994 — Requirements and Adjusting Procedures
	155-109-801	2	Motor-Alternator — KS-15994 — Replacement Parts and Procedures
	155-110-701	3	KS-5715 Motor-Driven Emergency Alternators — Requirements and Adjusting Procedures
	155-110-801	1	KS-5715 Motor-Driven Emergency Replacement Parts and Procedures
Add	155-112-701	1	
	155-112-701	5	Motor-Alternators — KS-15520 and KS-15626 — Requirements and Adjusting Procedures
Add	155-112-801	1	
	155-112-801	4	KS-15520 and KS-15626 — Replacement Parts and Procedures
	155-113-701	1	KS-15823 — With Compensating and Gap Circuits — Requirements and Adjusting Procedures
	155-113-801	1	KS-15823 — With Compensating and Gap Circuits — Replacement Parts and Procedures
	155-115-301	2	KS-15844 and Associated Voltage Regulator — Operating Methods
Add	155-115-701	1	
	155-115-701	1	KS-15844 — Requirements and Adjusting Procedures
	155-115-801	2	KS-15844 and Associated Voltage Regulator — Replacement Parts and Procedures
	155-117-301	1	KS-15949 — Operating Methods
Add	155-117-701	1	
	155-117-701	2	Alternator and Voltage Regulator — KS-15949 — Requirements and Adjusting Procedures
	155-117-801	1	KS-15949 — Replacement Parts and Procedures
Add	155-118-701	1	
	155-118-701	2	KS-15986 Motor-Alternator — Requirements and Adjusting Procedures
	155-118-801	1	Motor-Alternator — KS-15986 — Replacement Parts and Procedures
	155-119-701	2	KS-15991-11 and 12 — Requirement and Adjusting Procedures
	155-119-801	1	KS-15991 — Replacement Parts and Procedures
	155-120-301	1	High Speed Gasoline Engine Driving Alternators — "BTU" Type, KS-5467 and KS5508 — Operating Methods
	155-120-701	2	High Speed Gasoline Engine Driving Alternators — "BTU", WXLC3, 1525 Type — KS-5467 and KS-5508 — Requirements and Adjusting Procedures
	155-120-801	1	High Speed Gasoline Engine Driving Alternators — "BTU", 1525, WXLC3 Type — KS-5467 and KS-5508 — Replacement Parts and Procedures
	155-122-301	2	Gasoline Sets — Schramm Types — KS-5518 — Operating Methods
	155-122-701	2	Gasoline Sets — Schramm Types — KS-5518 — Requirements and Adjusting Procedures
	155-122-801	1	Gasoline Sets — Schramm Type — KS5518 — Replacement Parts and Procedures
	155-124-301	1	KS-5565 — Portable, 10 KW AC for Trailer Mounting — U.S. Motors Corp. — Operating Method
Add	155-124-701	1	
	155-124-701	1	KS-5565 — Portable, 10 KW AC for Trailer Mounting — U.S. Motor Corp. — Requirements and Adjusting Procedures
	155-124-801	1	KS-5565 — Portable, 10 KW AC for Trailer Mounting — U.S. Motors Corp. — Replacement Parts and Procedures
	155-126-301	1	KS-5565 — Gasoline — 10 KW D. W. Onan & Sons, Incorporated — Operating Methods
Add	155-126-701	1	
	155-126-701	1	KS-5565 — Gasoline — 10 KW — D. W. Onan & Sons, Incorporated — Requirements and Adjusting Procedures

	155-126-801	1	KS-5565 — Gasoline — 10 KW — D. W. Onan & Sons, Incorporated — Replacement Parts and Procedures
	155-128-101	2	Diesel — General Motors — Series 71 Sets — KS-5574 — Description
	155-128-301	6	Diesel — General Motors — Series 71 Sets — KS-5574 — Operating Methods
	155-128-302	3	Diesel — KS-5574-01, 20 KW — Stationary and Portable — Operating Methods
	155-128-303	5	Diesel — KS-5574-01 — 30, 40, and 60 KW Manually Controlled — Stationary and Portable — Operating Methods
Add	155-128-701	4	
	155-128-701	4	Diesel — General Motors-Series 71 Sets — KS-5574 — Requirements and Adjusting Procedures
Add	155-128-702	4	
	155-128-702	3	Diesel — KS-5574-01, 20 KW — Manually Operated — Stationary and Portable — Requirements and Adjusting Procedures
	155-128-703	5	KS-5574-01 30, 40, and 60 KW — Diesel — Manually Controlled — Stationary and Portable — Requirements and Adjusting Procedures
	155-128-801	4	Diesel — General Motors — Series 71 — KS-5574 — Replacement Parts and Procedures
	155-128-802	1	Diesel — KS-5574-01, 20 KW — Stationary and Portable — Replacement Parts and Procedures
	155-128-803	1	Diesel — KS-5574-01 — 30, 40, and 60 KW — Stationary Portable — Replacement Parts and Procedures
	155-132-301	1	5 KVA — 4 KW — Onan KS-5602, List 01 — Operating Methods
Add	155-132-701	1	
	155-132-701	1	5 KVA — 4 KW — Onan KS-5602, List 01 — Requirements and Adjusting Procedures
	155-132-801	2	5 KVA — 4 KW — Onan KS-5602, List 01 — Replacement Parts and Procedures
	155-134-301	1	Gasoline — Automatically Controlled — KS-5636, List 1 — 20 KW AC — Single Phase — Operating Methods
	155-134-302	3	Gasoline — Automatically Controlled — KS-5636 — 20, 30, 40, 50, and 60 KW AC Three Phase and 20 KW Single Phase Using 32-Volt Battery for Starting and Control — Operating Methods
Add	155-134-701	1	
	155-134-701	2	Gasoline — Automatically Controlled — KS-5636, List 1 — 20 KW AC — Single Phase Using 16-Volt Battery for Starting and Control — Requirements and Adjusting Procedures
Add	155-134-702	2	
	155-134-702	3	Gasoline — Automatically Controlled — KS-5636, 20-, 30-, 40-, 50-, and 60-KW AC — Three Phase and 20-KW Single Phase Using 32-Volt Battery for Starting and Control — Requirements and Adjusting Procedures
	155-134-801	1	Gasoline — Automatically Controlled — KS-5636, List 1 — 20 KW AC — Single Phase Using 16-Volt Battery for Starting and Control — Replacement Parts and Procedures
	155-136-301	1	KS-5664 — 15 KW — Automatically Controlled — Operating Methods
Add	155-136-701	1	
	155-136-701	1	KS-5664 — 15 KW — Automatically Controlled — Requirements and Adjusting Procedures
	155-138-301	4	KS-5665 — 150, 200, and 300 KW — Operating Methods
Add	155-138-701	3	
	155-138-701	4	Diesel — KS-5665, 150, 200, and 300 KW — Requirements and Adjusting Procedures
Add	155-139-301	1	
	155-139-301	1	Diesel — KS-5666, Lists 1 and 2 — Manually Controlled — Operating Methods
	155-139-302	1	Diesel — KS-5666-01, 10 KW AC — Manually Controlled — Operating Methods
Add	155-139-701	3	
	155-139-701	2	Diesel — KS-5666, 10 KW Commercial Type — Requirements and Adjusting Procedures
Add	155-139-702	3	
	155-139-702	1	Diesel — KS-5666-01, 10 KW AC — Manually Controlled — Requirements and Adjusting Procedures
	155-141-301	1	Gasoline — KS-5667 — 3, 5, and 8 KW — Automatically Controlled — Operating Methods
	155-141-302	4	Automatic — 2.8, 4 and 8 KW — KS-5667-01, Lists 1 to 5 Inclusive and 10 KW — KS-15717, List 1 and Lists 4 to 9 Inclusive — J86622 Main Control Cabinet — Operating Methods
	155-141-303	2	Gasoline — KS-5667-01 — 2.8, 4 and 8 KW — Automatically or Manually Controlled — Operating Methods
	155-141-304	1	Gasoline — KS-5667-01 — 5 KW — Single Phase — 60 Cycle — Automatically Controlled — Operating Methods
Add	155-141-701	1	
	155-141-701	2	Gasoline — KS-5667 — 3, 5, and 8 KW — Automatically Controlled — Requirements and Adjusting Procedures
Add	155-141-703	1	
	155-141-703	2	Gasoline — KS-5667-01 — 2.8, 4, and 8 KW — Automatically or Manually Controlled — Requirements and Adjusting Procedures
Add	155-141-704	1	
	155-141-704	1	Gasoline — KS-5667-01, Lists 6 and 7 — 5 KW — Single Phase — 60 Cycle — Automatically Controlled — Requirements and Adjusting Procedures
Add	155-145-301	1	
	155-145-301	3	Diesel — KS-5750 — 20 KW, AC — Automatically Controlled — Operating Methods
Add	155-145-302	1	
	155-145-302	4	Diesel — KS-5750 — 30, 40, and 60 KW, AC — Automatically Controlled — Operating Methods

	155-165-311	3	KS-5750, KS-15521, KS-15622, and KS-15890 — 30- to 100-KW Automatic — J86621 Main Control Cabinet — Operating Methods
Add	155-145-701	2	
	155-145-701	4	Diesel — KS-5750, 20 KW AC — Automatically Controlled — Requirements and Adjusting Procedures
Add	155-145-702	2	
	155-145-702	4	Diesel — KS-5750 — 30, 40, and 60 KW, AC — — Automatically Controlled — Requirements and Adjusting Procedures
	155-161-301	3	Diesel — Automatically Controlled — KS-15521, List 1, List 2, List 3, and List 4 — 20 KW — Operating Methods
Add	155-161-302	1	
	155-161-302	3	KS-15521 List 10, List 11, and List 12 Diesel — Two Automatically Controlled — Alternately Operated 20-KW Sets
Add	155-161-701	3	
	155-161-701	4	Diesel — KS-15521 L1, L2, L3, and L4 — 20 KW — Automatically Controlled — Intermittent Operation — Requirements and Adjusting Procedures
Add	155-161-702	1	
	155-161-702	3	Diesel — Two Automatically Controlled — Alternately Operated 20-KW Sets — KS-15521 List 10, List 11, and List 12 — Requirements and Adjusting Procedures
Add	155-165-301	1	
	155-165-301	4	Diesel KS-15622 — 120 and 170 KW — Manually and Automatically Controlled — Operating Methods
Add	155-165-311	1	
	155-165-311	2	Automatic Diesel — 30- to 60-KW, KS-5750 — 120- and 170-KW, KS-15622 — 30- to 100-KW, KS-15890 — J86624 Main Control Cabinet — Operating Methods
Add	155-165-701	6	
	155-165-701	5	Diesel — KS-15622 — 120 and 170 KW — Manually and Automatically Controlled — Requirements and Adjusting Procedures
	155-167-301	3	KS-15650 — Gasoline — 5 KW — Portable — Onan Type — Operating Methods
Add	155-167-701	1	
	155-167-701	2	KS-15650 — Gasoline — 5 KW — Portable — Onan Type — Requirements and Adjusting Procedures
	155-167-801	1	KS-15650 — Gasoline — 5 KW — Portable — Onan Type — Replacement Parts and Procedures
	155-168-301	1	KS-19989 — Gasoline 5KW — Portable — Onan Type — Operating Methods
Add	155-168-701	1	
	155-168-701	1	KS-19989 — Gasoline — 5KW — Portable — Onan Type — Requirements and Adjusting Procedures
	155-170-301	1	Gasoline — Automatically Controlled — KS-15700 — 1.3 KW — Stationary — Operating Methods
Add	155-170-701	1	
	155-170-701	1	Gasoline — Automatically Controlled — KS-15700 — 1.3 KW — Stationary — Requirements and Adjusting Procedures
	155-172-300	3	Diesel — KS-15717, 14, 15, 16, 17, 18, and 19 — 10 KW — Manually Controlled — Operating Methods
	155-172-301	1	Diesel — KS-15717 L1 — 10 KW — Automatically Controlled — Operating Methods
	155-172-302	2	Diesel — KS-15717 L11 — 10 KW — Automatically Controlled — Operating Methods
Add	155-172-700	3	
	155-172-700	3	Diesel — KS-15717, 14 Through 19 — 10 KW — Manually Controlled — Requirements and Adjusting Procedures
Add	155-172-701	3	
	155-172-701	1	Diesel — KS-15717, L1-10 KW — Automatically Controlled — Requirements and Adjusting Procedures
Add	155-172-702	1	
	155-172-702	3	Diesel — KS-15717 L11 — 10 KW — Automatically Controlled — Requirements and Adjusting Procedures.
	155-172-800	3	Diesel — KS-15717, 14, 15, 16, 17, 18, and 19 — 10 KW — Manually Controlled — Replacement Parts and Procedures
	155-172-801	1	Engine-Alternators — Diesel — KS-15717, L1 — 10 KW — Automatically Controlled — Replacement Parts and Procedures
	155-172-802	1	Diesel — KS-15717 L11 — 10KW — Automatically Controlled — Replacement Parts and Procedures
	155-174-301	3	Diesel — KS-15777, L21, L22, L31, and L32 — 500 KW — Manually Controlled — Operating Methods
Add	155-174-302	1	
	155-174-302	3	Diesel — KS-15777 L23, L24, L33, and L34 — 500 KW — Automatically Controlled — Operating Methods
Add	155-174-701	3	
	155-174-701	3	Diesel — KS-15777 500 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures
	155-174-801	1	Diesel — Manually Controlled — KS-15777, L21, L22, L31, L32 — 500 KW — Replacement Parts and Procedures
	155-174-802	1	Diesel — Automatically Controlled — KS-15777 L23, L24, L33, and L34 — 500 KW — Replacement Parts and Procedures
Add	155-176-301	1	
	155-176-301	2	Diesel — KS-15884 — 30 KW — Manually Controlled — Operating Methods
	155-176-302	3	Diesel — KS-15884 — 45, 60, and 100 KW — Manually Controlled — Operating Methods
	155-176-701	6	Diesel — KS-15884, L1, L2, L3, L4, L12, L13, and L14 — 30, 45, 60, and 100 KW — Manually Controlled — Requirements and Adjusting Procedures

	155-176-801	1	Diesel — KS-15884 — 30 KW — Manually Controlled — Replacement Parts and Procedures
	155-176-802	1	Diesel — KS-15884 — 45, 60, and 100 KW — Manually Controlled — Replacement Parts and Procedures
Add	155-178-301	2	
	155-178-301	3	KS-15890 — 30, 45, 60, and 100 KW — Diesel — Automatically Controlled — Operating Methods
	155-178-701	4	Diesel — KS-15890 — 30, 45, 60 and 100 KW — Automatically Controlled — Requirements and Adjusting Procedures
	155-178-801	3	Diesel — KS-15890 — 30, 45, 60, and 100 KW — Automatically Controlled — Replacement Parts and Procedures
	155-180-301	2	Diesel — KS-15899 L1, L2, L11, and L12 — 350 KW — Manually Controlled — Operating Methods
	155-180-302	2	Diesel — KS-15899 L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Operating Methods
Add	155-180-701	1	
	155-180-701	4	Diesel — KS-15899 — 350 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures
	155-180-801	1	Diesel — KS-15899, L1, L2, L11, and L12 — 350 KW — Manually Controlled — Replacement Parts and Procedures
	155-180-802	1	Diesel — KS-15899, L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Replacement Parts and Procedures
	155-185-301	2	Diesel — KS-15929, L1 and L11 — 225 KW — Manually Controlled — Operating Methods
	155-185-302	3	Diesel — KS-15929 L2 and L12 — 225 KW — Automatically Controlled — Operating Methods
	155-185-701	4	KS-15929 — Diesel — 225 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures
	155-185-801	1	Diesel — KS-15929 L1 and L11 — 225 KW — Manually Controlled — Replacement Parts and Procedures
	155-185-802	1	Diesel — KS-15929 L2 and L12 — 225 KW — Automatically Controlled — Replacement Parts and Procedures
	155-187-301	2	Diesel — KS-15954 L1, L2, L11, and L12 — 350 KW — Manually Controlled — Operating Methods
	155-187-302	3	Diesel — KS-15954 L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Operating Methods
Add	155-187-701	4	
	155-187-701	2	Diesel — KS-15954 — 300 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures
	155-187-801	1	Diesel — KS-15954, L1, L2, L11, and L12 — 350 KW — Manually Controlled — Replacement Parts and Procedures
	155-187-802	1	Diesel — KS-15954 L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Replacement Parts and Procedures
	155-188-701	4	Motor-Alternator — KS-19203 — Requirements and Adjusting Procedures
	155-188-801	2	KS-19203 Motor-Alternators — Replacement Parts and Procedures
Add	155-189-301	1	
	155-189-301	3	Diesel — KS-19587 L1 and L2 — 115 KW — Automatically and Manually Controlled — Operating Methods
Add	155-189-701	3	
	155-189-701	3	Diesel — KS-19587, L1 and L2 — 115 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures
	155-190-701	1	Battery Motor-Driven — Control Equipment — Requirements and Adjusting Procedures
Add	155-191-301	3	
	155-191-301	1	KS-19583, 30 KW and KS-19584, 45 KW Engine-Alternators — Diesel — Automatically and Manually Controlled — Operating Methods
Add	155-191-701	4	
	155-191-701	2	Diesel — KS-19583, 30 KW and KS-19584, 45 KW — Automatically Controlled — Requirements and Adjusting Procedures
Add	155-192-301	3	
	155-192-301	1	KS-19585, 75 KW and KS-19586, 115 KW Engine-Alternators — Diesel — Automatically and Manually Controlled — Operating Methods
Add	155-192-701	4	
	155-192-701	2	Diesel — KS-19585, 75 KW and KS-19586, 115 KW — Automatically Controlled — Requirements and Adjusting Procedures
	155-193-301	2	KS-20523, 30 KW and KS-20524, 45 KW — Engine-Alternators — Diesel — Manually Controlled or Field Converted Automatically Controlled — Operating Methods
	155-193-701	3	KS-20523, 30 KW and KS-20524, 45 KW — Engine-Alternator — Diesel — Manually Controlled or Field Converted Automatically Controlled — Requirements and Adjusting Procedures
	155-194-301	2	KS-20525, 75KW and KS-20526, 115KW — Engine-Alternators — Diesel — Manually Controlled or Field Converted Automatically Controlled — Operating Methods
	155-194-701	3	KS-20525, 75 KW and KS-20526, 115 KW — Engine-Alternators — Diesel — Manually Controlled or Field Converted Automatically Controlled — Requirements and Adjusting Procedures
	155-195-301	1	KS-20527 List 1 Through 12 — Diesel — 115 KW — Manually Controlled — Operating Methods

Add 155-195-701 3
155-195-701 1 Diesel — KS-20527, Lists 1 Through 12 — 115-KW — Manually Controlled — Requirements and Adjusting Procedures

▲ ♦ 155-197-001 2 Guardian 24/28/40 KW AC Reserve System

155-197-100 3 J86557 Guardian 24/28/40 KW AC Reserve System — Description

155-2 GAS TURBINE ALTERNATORS

Add 155-202-301 1
155-202-301 3 KS-15992 — 750 KW Automatically or Manually Controlled — Operating Methods

155-202-701 4 KS-15992 Engine-Alternator — Gas Turbine — 750 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-205-301 3 KS-19898 L1 Through 14, 115, and 116 200-KW Automatically or Manually Controlled — Operating Methods

155-205-701 4 KS-19898 L1 Through 14, 115, and 116 Engine-Alternator — Gas Turbine — 200 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

Add 155-206-301 1
155-206-301 1 KS-20542 Lists 1 Through 4, 11, and 12 — 200 KW Automatically or Manually Controlled — Operating Methods

155-206-302 1 KS-20542 Lists 101, 102, 111, and 112 and Solid State Control Circuits Lists 115 and 116 — 200 KW Automatically or Manually Controlled — Operating Methods

Add 155-206-701 1
155-206-701 2 KS-20542 Lists 1 Through 4, 11, and 12 — 200 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-206-702 1 Engine-Alternator — Gas Turbine — KS-20542 Lists 101, 102, 111, 112, and Solid State Control Circuits Lists 115 and 116 200KW Automatically or Manually Controlled Requirements and Adjusting Procedures

Add 155-207-301 1
155-207-301 2 KS-20460 List 1 Through 8 — 2500-KW Sets — Automatically or Manually Controlled — Operating Methods

Add 155-207-701 1
155-207-701 2 KS-20460 List 2 and Lists 4 Through 8 — 2500-KW Sets — Automatically or Manually Controlled — Requirements and Adjusting Procedures

Add 155-208-301 1
155-208-301 1 KS-21501, L1 Through 14, 17, 112, 113, and 126 — 750 KW (Base)/900 KW (Peak) — Automatically or Manually Controlled — Operating Methods

Add 155-208-701 1
155-208-701 1 KS-21501, L1 Through 14, 17, 112, 113 and 126 — 750 KW Base/900 KW Peak — Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-209-701 2 Engine-Alternator — Gas Turbine — KS-21264, Lists 1 Through 4 — 435/500 KW Automatically or Manually Controlled Operating Methods

155-209-701 2 KS-21264 Lists 1 Through 4 — 435/500 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-210-301 1 KS-21879 — Lists 1 Through 4 — 1260/1500 KW Automatically or Manually Controlled Operating Methods

155-210-701 1 KS-21879 — Lists 1 Through 4 — 1260/1500 KW Automatically or Manually Controlled Requirements and Adjusting Procedures

Add 155-211-301 1
155-211-301 1 KS-22673, Lists 1 Through 8 — Turbine Engine-Driven Alternator 750/900 KW Automatically or Manually Controlled Operating Methods

Add 155-211-701 1
155-211-701 1 KS-22673, Lists 1 Through 8 — Turbine Engine-Driven Alternator — 750/900 KW Automatically or Manually Controlled Requirements and Adjusting Procedures

155-212-301 1 KS-22719, 30 KW or 45 KW and KS-22720, 75 KW or 115 KW — Engine-Alternators — Diesel Automatically Controller Operating Methods

155-212-701 1 KS-22719, 30 KW or 45 KW and KS-22720, 75 KW or 115 KW — Engine-Alternators — Diesel Automatically Controlled Requirements and Adjusting Procedures

155-3 TONE ALTERNATORS AND TONE MACHINES

155-307-101 2 KS-5286 — Description

155-307-701 4 KS-5286 — Requirements and Adjusting Procedures

155-307-801 5 KS-5286 — Replacement Parts and Procedures

155-310-701 2 A. I. Inc. Class CH Service Tone Machines — Requirements and Adjusting Procedures

155-320-301 1 Audible-Ring Tone Generator 404F — Operating Procedures

155-321-301 1 Preempt Tone Generator 404G — Operating Procedures

155-322-301 1 404A, 404B, 404C and 404D Dial Tone Generators — Operating Procedures

155-323-301 3 Precise Busy Tone Supply — J86845A — 4 Wire Voice/Record Network — J86845B — Basic 911 Emergency Service — Operating Procedures

155-4 RINGING AND COIN CONTROL GENERATORS

155-405-101 1 P Type — Description

155-405-301 1 P Type — Operating Methods

155-405-701 3 P Type — Requirements and Adjusting Procedures

155-405-801 4 P Type — Replacement Parts and Procedures

	155-410-101	2	Commercial Type — Description
Add	155-410-701	2	
	155-410-701	5	Motor-Driven — Commercial Type — Requirements and Adjusting Procedures
	155-410-801	4	Motor-Driven — Commercial Type — Replacement Parts and Procedures
Add	155-415-701	1	
	155-415-701	6	Static — Requirements and Adjusting Procedures
	155-416-701	1	129182A-50 — No. 5 Crossbar — Operation, Requirements, and Adjusting Procedures
	155-420-701	2	Vibrator-Type — KS-5815 — Requirements and Adjusting Procedures
Add	155-425-701	1	
	155-425-701	1	Motor-Driven — KS-15816 — Requirements and Adjusting Procedures
Add	155-425-801	1	
	155-425-801	1	Motor-Driven — KS-15816 — Replacement Parts and Procedures

155-5 CHARGING GENERATORS

	155-505-701	3	Type "M" — Requirements and Adjusting Procedures
	155-505-801	2	Type "M" — Replacement Parts and Procedures
	155-508-301	1	.850 KW and 2.5 KW Delco Sets — Per KS-5042 — Operating Methods
	155-508-701	2	.850 and 2.5 KW Delco Sets — Per KS-5042 — Requirements and Adjusting Procedures
	155-510-701	2	22-40 Volt and 125-135 Volt; 1.25 KW Delco Sets — Per KS-5115 and KS-5116 — Requirements and Adjusting Procedures
	155-512-101	1	Commercial Type — Per KS-5123 and KS-5137 — Description
Add	155-512-701	3	
	155-512-701	7	Motor-Driven — Requirements and Adjusting Procedures
	155-512-801	5	Motor-Driven — Replacement Parts and Procedures
	155-514-301	2	Buffalo Type "BA" — Operating Methods
	155-514-701	3	Buffalo Type "BA" — Requirements and Adjusting Procedures
	155-514-801	2	Buffalo Type "BA" — Replacement Parts and Procedures
	155-516-101	1	KS-5142 — 1.5 KW Westinghouse — Kerosene — Description
	155-516-301	2	KS-5142 — 1.5 KW Westinghouse — Kerosene — Operating Methods
	155-516-701	2	KS-5142 — 1.5 KW Westinghouse — Kerosene — Requirements and Adjusting Procedures
	155-516-801	2	KS-5142 — 1.5 KW Westinghouse — Kerosene — Replacement Parts and Procedures
	155-520-301	2	KS-5530 — 1.5 KW — Delco — Operating Methods
	155-520-701	3	KS-5530 — 1.5 KW — Delco — Requirements and Adjusting Procedures
	155-520-801	1	KS-5530 — 1.5 KW — Delco — Replacement Parts and Procedures
	155-522-301	1	KS-5542 — 6 KW Delco — Operating Methods
	155-522-701	2	KS-5542 — 6 KW Delco — Requirements and Adjusting Procedures
	155-525-301	1	KS-5630 — 1.5 KW — Kerosene — Operating Methods
	155-525-701	1	KS-5630 — 1.5 KW — Kerosene — Requirements and Adjusting Procedures
	155-525-801	1	KS-5630 — 1.5 KW Kerosene — Replacement Parts and Procedures

155-6 MOTOR-GENERATORS

	155-605-101	2	135-Cycle Signaling, 10.5 and 40 Watt — Description
	155-605-701	4	135-Cycle Signaling, 10.5 and 40 Watt — Requirements and Adjusting Procedures
	155-605-801	4	135-Cycle Signaling, 10.5 and 40 Watt — Replacement Parts and Procedures
	155-608-101	2	1000-Cycle Signaling — Description
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	155-612-701	4	Charging Sets — Diverter Pole Type — Requirements and Adjusting Procedures
	155-612-801	2	Charging Sets — Diverter Pole Type — Replacement Parts and Procedures
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	155-614-701	3	KS-5668-02 and KS-15834 — Requirements and Adjusting Procedures
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Add	155-625-701	1	
	155-625-701	4	KS-15839 and KS-15842 — Requirements and Adjusting Procedures
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-3 Countercells
-4 Dry Cells and Dry Batteries (Including Battery Boxes)
-6 Storage Batteries
-9 Storage Batteries — Condensed Sections for Small Installations

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-1 Engines and Engine Sets
-4 Motors and Dynamotors
-7 Drives

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◆ 159-000-000 29 Numerical Index — Division 159 — Engines and Engine Sets, Motors, Dynamotors, and Drives

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	159-442-701	1	Input Motor Drive Unit — ED-40026-01, G1 — Requirements and Adjusting Procedures
	159-442-801	2	Input Motor Drive Unit — ED-40027-01, G1 — Piece-Part Data and Replacement Procedures
	159-443-701	6	Input Motor Drive Unit — ED-40218-70, Groups 1, 2, 3, and 4 and ED-40301-70, Group 1 — Requirements and Adjusting Procedures
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	159-720-701	5	Friction Roll Drives — Requirements and Adjusting Procedures
Add	159-720-801	1	
	159-720-801	4	Friction Roll Drives and Associated Brackets — Piece-Part Data and Replacement Procedures
	159-720-811	2	Procedure for Installing Bushings in Friction Roll and Gear Reduction Drive Shafts
	159-720-812	2	Installing Stops on Gear Cases and Bearing Bases of Friction Roll Drives
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	159-720-813	2	Modification of Friction Roll Drive Gear Case to Prevent Loss of Oil At Oil Guard

159-720-814 3 Procedure for Relieving Over-heating of Bearings — Friction Roll Drive Worm Case Housing Bearings

159-720-815 2 Repair of Cork on Friction Roll Drives — Panel Offices

159-720-816 1 Friction Roll Drive Bearing Boxes — Procedure for Restoring Oil Closure Tip Clearance

159-720-817 1 Repair of Vertical Drive Shafts

159-725-701 3 Gear Reduction Drives, Horizontal Connecting Shafts, and Associated Bearings — Requirements and Adjusting Procedures

Add 159-725-801 1
159-725-801 3 Gear Reduction Drives, Horizontal Connecting Shafts, and Associated Bearings and Brackets — Piece-Part Data and Replacement Procedures

159-730-701 2 Synchronous Motor Drive for KS-5073 Multi-Frequency Motor-Generator Sets — Requirements and Adjusting Procedures

Add 159-735-701 1
159-735-701 6 Vertical Drive Shafts and Associated Apparatus — Requirements and Adjusting Procedures

159-735-801 7 Vertical Drive Shafts and Associated Apparatus — Piece-Part Data and Replacement Procedures

DIVISION 161 — SPEED REDUCTION UNITS, CONVERTERS, INVERTERS, AIR DRYERS, COMPRESSORS, COMPRESSOR-DEHYDRATORS, DEHYDRATORS, EXHAUSTER SETS, FANS, TUBE COOLING SYSTEMS, VENTILATING EQUIPMENT, CALL ANNOUNCER MACHINES, AND WAVEGUIDES

161-0 Indexes and Equipment Test Lists
-1 Speed Reduction Units
-2 Converters and Inverters
-3 Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators, and Waveguides
-4 Exhauster Sets, Fans, Tube Cooling Systems, and Ventilating Equipment
-7 Call Announcer Machines

161-0 INDEXES AND EQUIPMENT TEST LISTS

◆ 161-000-000 39 Numerical Index — Division 161 — Speed Reduction Units, Converters, Inverters, Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators, Exhauster Sets, Fans, Tube Cooling Systems, Ventilating Equipment, Call Announcer Machines, and Waveguides

161-001 Equipment Test Lists (ETL)

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161-001-012 9 Dehydrators and Waveguide Pressure Systems — Power Systems

161-001-013 15 Exhauster Sets and Fans — Power Systems

161-001-014 15 Air Blowers, Tube Cooling Systems and Ventilating Equipment — Power Systems

161-001-015 14 Converters — Power Systems

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161-105-301 1 Cleveland Worm and Gear Company's — With Driving Motor — Per KS-1571 — Operating Methods

161-105-701 1 Cleveland Worm and Gear Company's — With Driving Motor — Per KS-1571 — Requirements and Adjusting Procedures

161-2 CONVERTERS AND INVERTERS

Note: See also Numerical Index — Division 167 — Power Plants and Power Supply — 167-000-000

161-200-301 1 DC-to-DC Converter — KS-21092 — Operating Methods

161-200-302 1 DC-to-DC Converter — KS-21093 — Operating Methods

161-201-301 1 DC-to-AC Inverter J87415A Operating Methods

161-202-100 4 Pulse Width Control DC-to-DC Converters — 120- Through 123-, 130- Through 133-, and 140- Through 143-Type Power Units — Summarizing Specification

161-203-301 2 KS-21353, L1 (J87428A) DC-to-AC Inverter — Lorain Products Corporation — Operating Methods

161-203-302 2 KS-21354, L1 (J87429A) DC-to-AC Inverter — Lorain Products Corporation — Operating Methods

161-203-303 1 KS-21353, L1 (J87428B) DC-to-AC Inverter — ITT-North Electric Company — Operating Methods

161-203-304 1 KS-21354, L1, (J87429B) DC-to-AC Inverter — Exide Power System — Operating Methods

161-203-701 2 KS-21353, L1 (J87429A and B) DC-to-AC Inverter — Requirements and Adjusting Procedures

161-203-702 2 KS-21354, L1 (J87429A and B) DC-to-AC Inverter — Requirements and Adjusting Procedures

Add 161-205-701 1
161-205-701 5 Inverted Converters — Janette Manufacturing Company — Requirements and Adjusting Procedures

Add 161-205-801 1
161-205-801 1 Inverted Converters — Janette Manufacturing Company — Replacement Parts and Procedures

Add 161-206-301 1
161-206-301 3 KS-20816, L1 and L2 — DC-to-AC Inverter — Operating Methods

161-208-701 5 Power Inverter — KS-5590, KS-15574, KS-15597, KS-15662 and KS-15679 — Requirements and Adjusting Procedures

161-212-701 3 KS-5717 and KS-5726 — Requirements and Adjusting Procedures

	161-212-801	2	Inverters — KS-5717 and KS-5726 — Replacement Parts and Procedures
	161-230-701	1	KS-15511 Inverter — Requirements and Adjusting Procedures
	161-230-801	1	KS-15511 Inverter — Piece Part Data and Replacement Procedures
	161-231-301	3	DC-to-AC Inverter — KS-19329 — Operating Methods
Add	161-232-301	1	
	161-232-301	1	DC-to-AC Inverter — KS-19430 — Operating Methods
Add	161-233-301	1	
	161-233-301	3	KS-19738 Inverter — Operating Methods
	161-234-301	3	DC-to-AC Inverter — KS-19951 — Operating Methods
	161-234-302	1	Inverter — KS-19952 — Operating Methods
	161-234-701	2	Inverter — KS-19951 — Requirements and Adjusting Procedure
	161-234-702	1	KS-19952 Inverter Requirements and Adjusting Procedures
	161-243-301	1	J86539A Inverter — 300-1500 VA AC Output — Operating Methods
	161-245-301	1	Inverter — J87266A — Operating Methods
	161-245-302	3	Inverter — J87266E — Operating Methods
	161-245-311	1	Solid State Ringing Generator — J29361AA-1 — No. 3 and 5A Crossbar Operating Methods
	161-246-301	4	DC-to-AC Inverter — J87274A — Operating Methods
	161-246-701	4	Inverter — J87274A — Requirements and Adjusting Procedures
	161-247-301	2	Inverter — J87295 — Operating Methods
	161-248-301	4	J87322 — Operating Methods
	161-249-301	3	J87326 — Operating Methods
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	161-250-301	1	Inverter — J87337A — Operating Methods
	161-256-301	1	DC-to-DC Converter — J87400-12 — 48 Volts DC, 50 Amperes — Operating Methods
	161-259-301	1	DC-to-DC Converter — J87378A — Operating Methods
	161-260-101	1	Regulated Tube Rectifier-Inverter, Phase Shift Control J86425A and Associated Power Control Panels J86425B and C — Description
	161-260-301	3	Regulated Tube Rectifier — Inverter, Phase Shift Control J86425A and Associated Power Control Panels J86425B and C — Operating Methods
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	161-262-301	1	DC-to-DC Converter J87308A Operating Methods
	161-263-301	2	Converter — J87310A — Common Methods
	161-264-301	1	DC-to-DC Converter — J87311A — Operating Methods
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	161-265-301	2	J87338A — DC-to-DC Converter — Operating Methods
	161-266-301	2	DC-to-DC Converter — J87307 — Operating Methods
	161-267-301	1	DC-to-DC Converter — +6.6 Volts, 30 Amperes — J87340 — Operating Methods
	161-268-301	4	DC-to-DC Converter — J87334A — ±24 Volts, 2.5 Amperes — Operating Methods
	161-269-301	1	DC-to-DC Converter — +48 Volts, 2 Amperes — J29361AB-1 No. 3 and 5A Crossbar — Operating Methods
	161-269-302	1	DC-to-DC Converter — ±130 Volts, 2 Amperes — J29361F-1 No. 3 and 5A Crossbar — Operating Methods
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	161-271-301	1	DC-to-DC Converter — J87325 — Operating Methods
	161-272-301	2	J87332A-1 Converter — Operating Methods
	161-274-301	1	DC-to-DC Converter — J87372A — Operating Methods
	161-275-301	1	DC-to-DC Converter — J87388A — Operating Methods
	161-276-301	1	DC-to-DC Converter — J87379A — Operating Methods
	161-277-301	2	DC-to-DC Converter — J87391 — Operating Methods
	161-279-301	6	DC-to-DC Converter — KS-19815-11 — 130 Volts DC, 5 Amperes — Operating Methods
	161-280-301	1	DC-to-DC Converter — KS-15916 — Operating Methods
	161-281-301	1	DC-to-DC Converter — KS-19157 — Operating Methods
	161-282-301	1	DC-to-DC Converter — KS-19158 — Operating Methods
	161-283-301	2	DC-to-DC Converter — KS-19303-11 — Operating Methods
	161-283-302	2	DC-to-DC Converters — KS-19303-13 and KS-19815-12 — 130 Volts DC, 2 Amperes Operating Methods
	161-284-301	4	DC-to-DC Converter — KS-19304 — Operating Methods
	161-285-301	3	J87248B — DC-to-DC Converter — Operating Methods

Add	161-285-302	2	
	161-285-302	1	J87248C DC-to-DC Converters — Operating Methods
Add	161-285-303	1	
	161-285-303	1	J87248D DC-to-DC Converter — Operating Methods
	161-286-301	1	DC-to-DC Converter — J87225A — Operating Methods
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	161-292-301	5	DC-to-DC Converter — J87297A — Operating Methods
	161-293-301	4	J87298 — DC-to-DC Converter — +6.7 Volts, 200 Amperes — Operating Methods
	161-294-301	1	DC-to-DC Converter — +48 Volts, 5 Amperes — J29183A-50 — Operating Methods
	161-295-301	4	J87304A — DC-to-DC Converter — Operating Methods
	161-296-301	2	DC-to-DC Converter — J87264 — Operating Methods
	161-297-301	3	DC-to-DC Converter — J87305A — Operating Methods
	161-298-301	2	DC-to-DC Converter J87283, J87284, and J87285 Operating Methods
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	161-299-301	1	J87331 — DC-to-DC Converter — Operating Methods
	161-299-302	1	DC-to-DC Converter — J87416 — Operating Methods
	161-299-303	1	DC-to-DC Converter — KS-21952, L1 — 130 Volts DC, 5 Amperes — Operating Methods

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	161-304-801	1	Continuous Feed Pressure Systems — KS-16432 L1 Air Dryer — Replacement Parts and Procedures
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	161-305-701	6	KS-16432 L2 Air Dryer — Requirements and Adjusting Procedures
Add	161-305-801	1	
	161-305-801	6	Continuous Feed Pressure Systems — KS-16432 L2 Air Dryer — Maintenance and Replacement Parts
	161-307-701	4	KS-16523 L1 Air Dryer — Requirements and Adjusting Procedures
	161-307-801	5	KS-16523 L1 Air Dryer — Replacement Parts and Procedures
	161-308-701	2	KS-20336 L1 Air Dryer Requirements and Adjusting Procedures
Add	161-308-702	1	
	161-308-702	2	KS-20336 L2 and L3 Air Dryers — Requirements and Adjusting Procedures
	161-308-801	2	KS-20336 L1 Air Dryer — Maintenance and Replacement Parts
	161-308-802	3	KS-20336 L2 and L3 Air Dryers — Maintenance and Replacement Parts
	161-309-701	4	KS-20183 L1 and L2 Air Dryers (Dielectric Communications) — Requirements and Adjusting Procedures
	161-309-702	2	KS-20183 L2 and L3 Air Dryers (Lectrodryer Division, Ajax Magnethermic) — Requirements and Adjusting Procedures
	161-309-801	3	KS-20183 L1 and L2 Air Dryers — (Dielectric Communications) — Replacement Parts and Procedures
	161-309-802	2	KS-20183 L2 and L3 Air Dryers (Lectrodryer Division, Ajax Magnethermic) — Replacement Parts and Procedures
	161-310-701	2	KS-21403 L1 Air Dryer — Lectrodryer Division — Ajax Magnethermic — Requirements and Adjusting Procedures
	161-310-702	1	KS-21403 L1 Air Dryer — (Chatlos System, Incorporated) — Description and Installation
	161-310-801	2	KS-21403 L1 Air Dryer — Replacement Parts and Procedures
	161-310-802	1	KS-21403 L1 Air Dryer — (Chatlos System Inc) — Replacement Parts and Procedures
	161-315-201	1	Continuous Feed Pressure Systems — D Air Dryer — Description and Installation
Add	161-320-701	1	
	161-320-701	3	De Vilbiss Compressor Set — KS-7491, List 1 (AC) — Requirements and Adjusting Procedures
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	161-320-801	4	De Vilbiss Compressor Set — KS-7491, List 1 (AC) — Piece-Part Data and Replacement Procedures
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	161-330-701	3	Compressor Set — KS-14514, L1 — Requirements and Adjusting Procedures
	161-330-703	1	Compressor Set KS-21231 L1 — Requirements and Adjusting Procedures
	161-330-801	4	Compressor Set — KS-14514 L1 and L2 — Replacement Parts and Procedures
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	167-733-301	5	852A (J87807) — Operating Methods
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	167-739-401	1	819A (J85528A) — Ringing Power Plant — Auxiliary Ringing, Tone, and Cadence System — Operating Methods
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	167-770-306	1	J86487A — +220V, +135V, −11V DC, and 110V AC — TH Radio — Operating Methods

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	167-774-301	2	J86496 — Positive or Negative 24 Volt 0 to 30 Amperes — Operating Methods
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	167-789-301	1	Ringing and Tone Power Plant — J29179A-50 — No. 5A Crossbar — Operating Methods
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	169-630-301	5	J86295A — 48 Volts, 200 Amperes Voltage-Regulated Output Control — 23- or 24-Cell Operation (Regular Cells Only) — Operating Methods
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	169-652-301	1	J87358 — Ferroresonant Controlled — Operating Methods
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	169-652-307	3	J87438A, Lists 1, 2, and 4 — + or −24 Volts, 200 Amperes — Operating Methods
	169-652-308	3	J87439A, Lists 1, 2, and 4 — + or −48 Volts, 200 Amperes — Operating Methods
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	169-660-306	2	KS-5651-02 Rectifier Unit — Relay-Type Output Control — Operating Methods
	169-660-311	2	KS-5651-02 Rectifier Unit — Electronic Control — Operating Methods
	169-661-301	1	KS-5669 — Operating Methods
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	169-682-301	6	KS-15620, L1, L2, L3, L6 and L10 — Operating Methods
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Add	169-685-301	1	
	169-685-301	4	KS-15689, L1 Rectifier and KS-15689, L3, Electronic Control — Operating Methods
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	169-692-301	2	KS-15907, L1 (Portable) — KS-15907, L2 (Rack Mounted) — Operating Methods
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	169-701-301	1	Filament Supply — KS-15915, L1 — Operating Methods
	169-703-301	1	KS-15999 L2 — Operating Methods
Add	169-704-301	1	
	169-704-301	2	KS-19210, L1 — 24 Volts, 400 Amperes — Operating Methods
Add	169-704-311	1	
	169-704-311	1	KS-19210 — Trouble Locating
	169-704-312	3	KS-19210 L11 and L12 — +24 Volts, 400 Amperes Operating Methods
Add	169-704-313	1	
	169-704-313	1	KS-19210 L23 and L24 — +24 Volts, 400 Amperes — Operating Methods
Add	169-704-701	1	
	169-704-701	1	KS-19210 24-Volt Rectifier, All List — S1 Switch (S3 Switch for L1 and L3) — Tests, Inspections, Cleaning, and Adjustments
Add	169-705-301	1	
	169-705-301	2	KS-19210, L2 and L7 — 24 Volts, 400 Amperes — Operating Methods
Add	169-706-301	1	
	169-706-301	2	KS-19210, L3 — 24 Volts, 400 Amperes — Operating Methods
Add	169-707-301	1	
	169-707-301	3	KS-19210 L4 and L9 — 24 Volts, 400 Amperes — Operating Methods
Add	169-708-301	1	
	169-708-301	2	KS-19211, L1 — 24 Volts, 800 Amperes — Operating Methods
	169-708-311	1	KS-19211 L1 — 24 Volts, 800 Amperes — Trouble Locating
	169-708-701	1	KS-19211 24-Volt Rectifier — DC Output Switch — Tests, Inspections, Cleaning, and Adjustments
Add	169-709-301	1	
	169-709-301	3	KS-19211, L2 and L7 — 24 Volts, 800 Amperes — Operating Methods
	169-709-311	1	KS-19211 L2 and L7 — 24 Volts, 800 Amperes — Trouble Locating
Add	169-710-301	1	
	169-710-301	2	KS-19211, L3 — 24 Volts, 800 Amperes — Operating Methods
	169-710-311	1	KS-19211 L3 24 Volts 800 Amperes — Trouble Locating
Add	169-711-301	1	
	169-711-301	2	KS-19211, L4 and L9 — 24 Volts, 800 Amperes — Operating Methods
	169-711-311	1	KS-19211 L4, L9, L11, and L12 — 24 Volts, 800 Amperes — Trouble Locating
Add	169-711-312	1	
	169-711-312	2	KS-19211, L11 and L12 — 24 Volts, 800 Amperes — Operating Methods
Add	169-712-301	1	
	169-712-301	5	KS-19212, L1 and L2, — 24 Volts, 1600 Amperes — Operating Methods
	169-712-701	1	KS-19212 and KS-19215 — L1, L2, L3, L4, L11, and L12 Rectifiers — SW1 and SW2 Switches — Tests, Inspections, Cleaning, and Adjustments
Add	169-713-301	1	
	169-713-301	3	KS-19212, L3 and L4 — 24 Volts, 1600 Amperes — Operating Methods
	169-713-311	1	KS-19212, L1 and L2, — 24 Volts, 1600 Amperes — Trouble Locating
Add	169-713-312	1	
	169-713-312	4	KS-19212, L11 and L12 — 24 Volts, 1600 Amperes — Operating Methods
	169-715-301	2	KS-19213 L2 — 48 Volts, 800 Amperes — Operating Methods
	169-715-701	2	KS-19213, 48-Volt Rectifier — DC Output Switch — Tests, Inspections, Cleaning, and Adjustments
	169-716-301	2	KS-19213 L3 — 48 Volts, 800 Amperes — Operating Methods
	169-717-301	3	KS-19213 L5 and L9 — 48 Volts, 800 Amperes — Operating Methods
	169-718-301	2	KS-19213 L6 and L7 — 48 Volts, 800 Amperes — Operating Methods
	169-718-311	1	KS-19213 — 48 Volts, 800 Amperes — Trouble Locating
	169-718-312	4	KS-19213, L11 and L12, Rectifiers — 48 Volts, 800 Amperes — Operating Methods
	169-720-301	3	KS-19214 L2 and L5 Voltage-Regulated Output Control — 48 Volts, 800 Amperes — Operating Methods
	169-720-332	2	KS-19214 — Solid State Ammeter Relays — Operating Methods
	169-720-701	1	KS-19214 48-Volt Rectifiers — S1 and S2 Switches — Tests, Inspections, Cleaning, and Adjustments

	169-721-301	2	KS-19214 L3 and L6 — 48 Volts, 800 Amperes — Operating Methods
	169-721-311	1	KS-19214 — 48 Volts, 800 Amperes — Trouble Locating
	169-721-312	3	KS-19214 L11 and L12 — 48 Volts, 800 Amperes — Operating Methods
Add	169-722-301	2	
	169-722-301	5	KS-19215, L1 and L2, Rectifiers — 48 Volts, 1600 Amperes — Operating Methods
Add	169-723-301	3	
	169-723-301	4	KS-19215, L3 and L4 — 48 Volts, 1600 Amperes — Operating Methods
	169-723-311	1	KS-19215 — 48 Volts, 1600 Amperes — Trouble Locating
Add	169-723-312	2	
	169-723-312	3	KS-19215, L11 and L12 — 48 Volts, 1600 Amperes — Operating Methods
Add	169-724-301	1	
	169-724-301	3	KS-19216 L1 and L2 — 130 Volts, 300 Amperes — Operating Methods
	169-724-311	1	KS-19216 L1 and L2 — 130 Volts, 300 Amperes — Trouble Locating
	169-724-701	2	KS-19216 130 Volt Rectifier — S6 Switch — Tests, Inspections, Cleaning, and Adjustments
	169-726-301	2	KS-19356 L1 and L2 — 24 Volts, 1600 Amperes — Operating Methods
	169-726-701	2	KS-19356 24-Volt Rectifier — S1 Switch — Tests, Inspections, Cleaning, and Adjustments
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	169-727-301	1	Rectifiers — KS-19356 L3 and L4 — 24 Volts, 1600 Amperes — Operating Methods
	169-727-311	1	KS-19356 — 24 Volts, 1600 Amperes — Trouble Locating
	169-727-312	3	KS-19356, L11 and L12 — 24 Volts, 1600 Amperes — Operating Methods
	169-728-301	3	KS-19424 L1, L2, and L3 — 12 Volts, 400 Amperes — Operating Methods
	169-729-301	2	KS-19412 (Test Voltage Supply) — Operating Methods
	169-730-301	3	KS-19790 L11 and L12 — 48 Volts, 800 Amperes — Operating Methods
	169-730-302	3	KS-19791 L11 and L12 — 48 Volts, 800 Amperes — Operating Methods
	169-730-311	1	KS-19790 — 48 Volts, 800 Amperes — Trouble Locating
	169-730-312	2	KS-19791, L11 and L12, Rectifiers — 48 Volts, 800 Amperes — Trouble Locating
	169-730-701	1	KS-19790 and KS-20039 — L11 and L12 Rectifiers — DC Output (S3) Switch — Tests, Inspections, Cleaning, and Adjustments
	169-730-702	2	KS-19791 L11 and L12 — 48 Volt Rectifiers — DC Output S2 Switch — Tests, Inspections, Cleaning, and Adjustments
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	169-731-301	2	KS-19792 L11 and L12 — 48 Volts, 1600 Amperes — Operating Methods
	169-731-302	3	KS-19793 L11 and L12 — 48 Volts, 1600 Amperes — Operating Methods
	169-731-311	2	KS-19792 L11 and L12 — 48 Volts, 1600 Amperes — Trouble Locating
Add	169-731-312	1	
	169-731-312	2	KS-19793 L11 and L12 — 48 Volts, 1600 Amperes — Trouble Locating
	169-731-701	2	KS-19792 48-Volt — KS-20040 24-Volt — S1 and S2 Switches — Tests, Inspections, Cleaning, and Adjustments
	169-731-702	1	KS-19793 L11 and L12 — 48 Volt Rectifiers — S2 and S3 Switches — Tests, Inspections, Cleaning, and Adjustments
	169-732-301	1	KS-19700 L1 Rectifier — 12-Volt, 400 Ampere — Operating Methods
	169-735-301	3	KS-20039, L11, L12, L23, and L24 — 24 Volts, 800 Amperes — Operating Methods
	169-735-311	1	KS-20039 — 24 Volts, 800 Amperes — Trouble Locating
	169-736-301	5	KS-20040 L11 and L12 Rectifier — 24 Volts, 1600 Amperes — Operating Methods
	169-736-311	2	KS-20040, L11 and L12 — 24 Volts, 1600 Amperes — Trouble Locating
Add	169-741-301	2	
	169-741-301	2	KS-20489 Rectifiers — 48 Volts, 400 Amperes — Operating Methods
Add	169-741-311	1	
	169-741-311	2	KS-20489 L11, L12, L21, and L22 — 48 Volts, 400 Amperes — Trouble Locating
	169-741-701	2	KS-20489, 48-Volt Rectifier — S3 Switch — Tests, Inspections, Cleaning, and Adjustments
	169-742-301	2	KS-20490, L11, L12 and L22, Rectifiers — 48 Volts, 400 Amperes — Operating Methods
	169-742-311	2	KS-20490 Rectifiers — 48 Volts, 400 Amperes — Trouble Locating
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	169-743-301	5	KS-20491, L21, L22, L23, L24 — 24 Volts, 100 Amperes (Loran) Products Corporation — Operating Methods
	169-743-302	2	KS-20491, L21, L22, L23, and L24 — 24 Volts, 100 Amperes — ITT — North Electric Company — Operating Methods
	169-743-311	2	KS-20491, L21, L22, L23, L24 — 24-Volt, 100 Ampere — Loran Products Corporation — Trouble-Locating Information
	169-743-312	2	KS-20491, L21, L22, L23, and L24 — 24 Volts, 100 Amperes — ITT — North Electric Company — Trouble Locating Information

169-743-313 1 KS-20491, L21, L22, L23, L24 (SD-81997-02) — 24 Volts 100 Amperes — Loram Products Corporation — Trouble-Locating Information

169-745-301 5 KS-20493, L21 and L22 — 48 Volts, 100 Amperes — Loram Products — Operating Methods

169-745-302 3 KS-20493, L21 and L22, Rectifiers — 48 Volts, 100 Amperes — ITT North Electric Company — Operating Methods

169-745-310 1 KS-20493, L21 and L22 (SD-81999-02) — −48 Volts, 100 Amperes — Loram Products — Trouble-Locating Information

169-745-311 2 KS-20493, L21 and L22 — −48 Volts, 100 Amperes — Loram Products Corporation — Trouble-Locating Information

169-745-312 2 KS-20493, L21 and L22, Rectifiers — 48 Volts, 100 Amperes — ITT-North Electric Company — Trouble-Locating

169-746-301 1 KS-21113 L1 and L2 Rectifiers — Loram Products Corporation — 152 Volts 200 Amperes — Operating Methods

Add 169-746-302 1
169-746-302 2 KS-21113, L1 and L2, Rectifiers — ITT — North Electric Company — 140 Volts 200 Amperes — Operating Methods

169-746-303 1 KS-21113, L1 and L2 — 140 Volts, 200 Amperes — Acme Electric Company — Operating Methods

169-746-304 1 KS-21113 Rectifier — Warren Communications Company — 140 Volts, 200 Amperes — Operating Methods

169-746-305 1 KS-21113, Lists 1 and 2 Rectifiers — ACME Electric Company — 140 Volts, 200 Amperes — Trouble Locating

169-748-301 1 KS-21520 Rectifier — 48 Volts, 400 Amperes — Loram Products Corporation — Operating Methods

Add 169-748-302 1
169-748-302 1 KS-21520 Rectifier — 48 Volts, 400 Amperes — Warren G-V Communications — Operating Methods

169-748-311 1 KS-21520 — 48 Volts, 400 Amperes — Loram Products Corporation — Trouble Locating

169-748-312 1 KS-21520 — 48 Volts, 400 Amperes — Warren G-V Communications — Trouble Locating

169-748-501 1 KS-21520 — Tests, Inspections, Cleaning, and Adjustments — Loram Products Corporation

169-748-502 1 KS-21520 — Tests, Inspections, Cleaning, and Adjustments — Warren G-V Communications

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169-749-311 1 KS-21522, L11, L12, L21, and L22 — 48 Volts, 800 Amperes — ITT — North Electric Company — Trouble Locating

169-749-501 1 KS-21522 — ITT — North Electric Company — DC Output (S1) Switch — Tests, Inspections, Cleaning, and Adjustments

169-780-103 1 UNIGAT 7000 Microprocessor Controlled System Battery Plant — Rectifier Description

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179-318-501	1	2600-Cycle E1A — Out-of-Service Tests Using Testing Circuits SD-56335-01 and SD-95874-01
Add 179-318-502	1	
179-318-502	3	2600-Hz E1A — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-647308
179-318-503	1	2600-Cycle E1A — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set (SD-1C244-01) J-94743
179-320-501	1	2600-Cycle E1C — Out-of-Service Tests Using Testing Circuits SD-95874-01 and SD-56335-01
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179-320-503	1	2600-Hz E1C or E2C — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set SD-1C244-01 (J94743A)
179-322-501	1	2600-Cycle E1D — Out-of-Service Tests Using Testing Circuits SD-95874-01 and SD-57335-01
Add 179-322-502	1	
179-322-502	6	2600-Hz E1D, E2D, or E3D — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-647308
179-322-503	1	2600-Hz E1D, E2D, or E3D — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set SD-1C244-01 (J94743A)
179-324-501	6	2600-Hertz E1E — (SD-98088-01 or SD-98088-02) — Out-of-Service Tests Using Testing Circuit — (SD-96519-01 or SD-96519-02)
Add 179-324-502	1	
179-324-502	3	2600-Cycle E1E — (SD-98088-01 or SD-98088-02) — In-Service Tests Using Testing and Monitoring Circuit — (SD-96519-01 or SD-96519-02)
179-326-501	5	2600-Cycle E1F — SD-98089-01 or SD-98089-02 — Out-of-Service Tests Using Testing Circuit — SD-96519-01 or SD-96519-02

Add	179-326-502	1	
	179-326-502	3	2600-Cycle E1F — SD-98089-01 or SD-98089-02 — In-Service Tests Using Testing and Monitoring Circuit — SD-96519-01 or SD-96519-02
Add	179-327-501	1	
	179-327-501	1	2600-Hz E1J Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-647308
	179-327-502	1	2600-Cycle E1J — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set (J94743)
	179-328-501	6	2600-Hz E1L and E2L — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02
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	179-330-501	6	2600-Hz E1S, E2S, and E3S — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02
Add	179-330-502	1	
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Add	179-353-501	1	
	179-353-501	3	2600-Hz E3C, E4C, or E5C — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02
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	179-355-101	1	Carrier Group Alarm — Trunk Release and Make-Busy Circuit (SD-5G423-01) — General Description
	179-360-100	2	Type F Single Frequency Signaling System — General Description
	179-360-101	1	Type F Signaling — 2600-Hz Tone Supply and Transfer — Circuit SD-1C224-01 — Description
	179-360-501	3	2600-Hz Tone Supply and Transfer Circuit — Tests — Type F Signaling System
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	179-361-101	3	Signaling Test Extender for Use With Type F Signaling Units — Description
	179-362-101	3	2600 Hz FWA, FWB, and FWC SD-1C225-01 and SD-1C583-01 — Description
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	[illegible]	[illegible]	Signaling Bypass Auxiliary Units — Description — Type F Signaling System
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	179-367-101	3	DX Auxiliary Units — Description — Type F Signaling System
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179-405-100	2	J99395AA, AB, BA, and BM—E and M Lead Signaling Units — Description
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179-407-502	1	J99395LB,PA,RA, and SB Signaling Units — Prescription Settings for Precision Balance — Network and Equalizers
179-408-100	1	J99395HA 4-Wire Duplex Signaling Unit — Description and Adjustment Procedure
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179-602-501	10	Current Supply and Distribution Circuit SD-95391-01 — Tests
179-602-502	1	Multifrequency Current Supply and Distribution Circuit SD-95391-01 Without Transfer and Alarm Circuits — Tests
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	179-606-501	2	12/6 and 4 x 4) Signal Generator SD-99328-01 — Tests
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	179-610-701	5	Signaling Receiving Circuit SD-95087-01 — Adjustment Procedures
	179-612-501	6	Signaling — Receiving Circuit — Filament Alarm and Emergency Transfer Circuit Tests
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	201-647-501	2	E3 Alarm System — E3 Central — Maintenance
	201-650-501	1	Emergency Line or Trunk Transfer Circuit SD-95490-01 — Tests
	201-651-501	1	Lines Arranged for Manual Completion of Emergency Calls — Operational Test

201-652-501 1 Emergency Trip Circuit SD-95336-01 — Tests

201-653-100 2 E2A Telemetry — Electromagnetic Interference Warnings

201-653-102 3 E2A Telemetry — Switching Control Center System — Description

201-653-103 1 E2A Telemetry — Cable Pressure Monitoring System (CPMS) — Description

201-653-104 3 E2A Telemetry — Status and Command Remote Applications — Description

201-653-105 1 E2A Telemetry — SCOTS-C1 Interface Remote — Description

201-653-106 1 E2A Telemetry — No. 4 ESS Network Management Central and Remote — Description

201-653-107 1 E2A Telemetry — CDO Satellite Remote — Description and Maintenance

201-653-108 1 E2A Telemetry — No. 4 ESS — Combined Maintenance Operations — Center Description

201-653-109 1 Digital Alarm Scanner (DAS) — Description — E2A Telemetry

201-653-110 2 Advanced Telemetry Processor (ATP) — Description and Operations — E2A Telemetry

201-653-122 3 E2A Telemetry Alarm Processing Remote (APR) — System Description

201-653-502 3 E2A Telemetry Switching Control Center — Central and Remote Maintenance

201-653-503 1 E2A Telemetry — Cable Pressure Monitoring System — Telemetry-to-Computer Translator and Remote Maintenance

201-653-504 3 E2A Telemetry — Status and Command Remote and Telemetry-to-Computer Translator — Tests

201-653-505 1 E2A Telemetry — SCOTS-C1 Interface Remote and TCT — Maintenance

201-653-506 1 E2A Telemetry — No. 4 ESS Network Management Central and Remote Maintenance

201-653-508 1 E2A Telemetry No. 4 ESS — Combined Maintenance Operations Center (CMOC) — Maintenance

201-653-509 2 Digital Alarm Scanner (DAS) — Maintenance — E2A Telemetry

201-653-510 2 Advanced Telemetry Processor (ATP) — Maintenance — E2A Telemetry

201-653-520 1 E2A Telemetry — Common Product Line Controllers — Telemetry Maintenance

201-653-522 3 E2A Telemetry — Alarm Processing Remote (APR) — Maintenance

201-7 OPERATOR TRAINING EQUIPMENT AND COMMON SWITCHBOARD SECTIONS

201-701-501 1 Operator Keypulsing Drill Circuit — Tests

201-702-501 1 Operator Training Circuit — CAMA Training Equipment — Tests

201-705-501 3 Key Monitoring Circuit SD-96314-01 — MF and DC Keypulsing — DSA Toll and CAMA Switchboards — Tests

201-710-301 1 Location of Crosses and Grounds in Switchboard Multiple

201-711-301 1 Removing Foreign Materials From Switchboard Jacks Using Tool Kit Per KS-6527

201-712-501 3 Idle Trunk Indicating, Group Busy, and Answering Lamp Circuits — Tests

201-715-501 3 MF Keyset Circuit No. 13C, 13D, 14C, 15C and 15D Switchboards — Output Level — 0 DBM Per Frequency — Tests

201-715-502 1 MF Keyset Circuit No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level — 3 DBM Per Frequency — Tests

201-715-503 1 MF Keyset Circuit No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level — 8 DBM Per Frequency — Tests

201-715-504 1 MF Keyset Circuits No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level —6 DBM Per Frequency — Test

201-720-501 1 Coin Zone Operator Trunk Circuit SD-95851-01 — Tests Using Trunk Test Circuit SD-95875-01

201-8 MISCELLANEOUS COMMON SYSTEM CIRCUITS

201-819-501 2 Speed Test Circuit for Touch-Tone Automatic Dialers — SD-1C402-01 — Tests and Adjustments

201-820-301 1 Touch-Tone Calling Receiving Circuit J99266 — Trouble-Location

201-821-301 2 Touch-Tone Calling Receiving Circuit J99289 — SD-98148-01 — Trouble-Location

201-822-301 2 Use of Compensating Resistance — Revertive and PCI Pulsing Circuits

201-825-501 1 Private Line Conference Circuits With or Without Amplifiers — Tests

201-825-502 2 Private Line Conference Circuit SD-96391-01 — Transmission Tests

201-826-501 4 Auxiliary Line Circuit SD-99439-01 — Arranged for Measured Rate INWATS Service — Operation Tests

201-828-501 3 Remote Testing Features SD-99308-01, SD-99311-01 — Far-End and Extended Remote Tests from Far-End — Tests and Trouble Locating Procedures — No. 14 and No. 16 Local Test Desk

201-828-502 4 Remote Testing Features and Circuits — SD-99309-01 and SD-99310-01 Near-End and SD-97559-01 Near to Far-End Tests and Trouble Locating Procedures — No. 14 Local Test Desk and No. 16 Local Test Desk

201-828-503 2 Local Test Desk (LTD) No. 14 — Test and Trouble Locating Procedures

201-828-504 1 Local Test Desk (LTD) No. 16 — Tests and Trouble Locating Procedures

201-224-100	2	J86334A DC Power Distributing Frame — Operating Methods
201-224-101	2	J86334B, J86334C, and J86334D — DC Power Distributing Frames — Description and Operation

201-3 CIVIL AIR DEFENSE WARNING SYSTEMS

201-301-301	2	SD-95332-01 — Procedures in Case of Alarm
201-301-501	2	SD-95332-01 — Tests
201-302-501	9	Dial Pulse Receiving and Control Circuit SD-95685-01 — Maximum Five Lines and Public Signal Control Circuit SD-95688-01 — Tests
201-303-501	7	Dial Pulse Receiving and Control Circuit SD-95743-01 — Maximum Eight Lines and Public Signal Control Circuit SD-95688-01 — Tests
Add 201-304-501	1	
201-304-501	9	Dial Pulse Receiving and Code Distributing Circuit SD-95678-01 — Maximum 200 Lines and Public Signal Control Circuit SD-95688-01 — Tests
201-305-501	1	System Dialing and Pulsing Tests — Branch Circuit Dialing Test
201-306-501	2	Two-Way Signaling Repeaters — Tests
201-307-501	4	Station Line Test Using Test Circuit SD-95746-01

201-5 ANNOUNCEMENT SYSTEMS, TIMING CIRCUITS, TONE SUPPLY CIRCUITS

201-501-501	1	Subscriber Operated Time Announcement Service — Control and Distributing Circuit — Tests
201-501-502	1	Subscriber Operated Time Announcement Service — Announcement Trunk Circuits — Tests
201-505-101	1	No. 1 and 1B Announcement Systems — Time of Day Service — Description
201-505-301	1	No. 1 and 1B Announcement Systems — Time of Day Service — Method of Tracing Alarms
201-505-302	1	No. 1 and 1B Announcement Systems — Time of Day Service — Method of Taking Equipment Out of Service
201-505-501	2	No. 1 and 1B Announcement Systems — Time of Day Service — Desk Circuits — Tests
201-505-502	4	No. 1 and 1B Announcement Systems — Time of Day Service — Incoming Distributing Circuits — Tests
201-505-503	1	No. 1 and 1B Announcement Systems — Time of Day Service — Outgoing Distributing Circuits — Tests
201-505-504	2	No. 1 and 1B Announcement Systems — Time of Day Service — Announcement Trunk Circuits — Tests
201-507-501	1	No. 3A Announcement System — Control, Volume Limit Indicator and Tape Amplifier Circuits — Tests
201-507-502	1	No. 3A Announcement System — Control Circuit — Subcenter — Tests
201-507-503	1	No. 3A Announcement System — Trunk Circuits and Associated Distributing Circuits — Tests
201-508-501	2	No. 4A, 6A, and 9A Announcement System Equipment — Distributing and Alarm Circuits — Tests
201-509-501	2	No. 4A Announcement System — Distributing and Alarm Circuits — Tests — Common Systems
201-509-502	1	No. 4A Announcement System — Announcement Trunks — Tests
201-511-101	1	5A Announcement System — General Description
201-511-301	1	5A Announcement System — Operation
201-511-501	4	5A Announcement System — Tests
201-513-301	4	Machine Intercepting Control Circuit — Tests — No. 6A Announcement System
201-513-302	1	No. 6A Announcement System — Machine Intercepting — Distributing and Alarm Circuit — Tests
201-515-501	2	8A and 9A Announcement Systems — Tests
201-517-501	1	11A Announcement System — Tests
201-518-101	2	12A Announcement System SD-26435-01 — Description, Operation, and Maintenance — Common Systems
201-519-101	2	13A Announcement System SD-97753-01 — Description — Common Systems
201-519-301	2	13A Announcement System SD-97753-01 — Operating, Testing, and Trouble Analysis Procedures — Common Systems
201-520-101	5	Common Systems — Recorded Announcement Frame (CSRAF) — SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04
201-520-301	4	Common Systems Recorded Announcement Frames — SD-97725-01, SD-97725-02, and SD-97725-03 — Operating Procedures
201-520-501	3	Common Systems — Recorded Announcement Frame (CSRAF) — SD-97725-01 and SD-97725-02 — Tests and Trouble Analysis
201-520-701	4	Common Systems Recorded Announcement Frame — SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04 — Requirements and Adjusting Procedures
201-520-801	5	Common Systems Recorded Announcement Frames — SD-97725-01, SD-97725-02, and SD-97725-03 — Piece Part Data and Replacement Procedures
201-570-501	1	5A Timer — Tests
201-576-501	3	400A Tone Generator — (Receiver Off-Hook Tone) — Tests
201-578-501	7	Tone Detector Circuit SD-94800-01 — Tests and Adjustments
201-578-502	3	8A and 8B Tone Detectors (J94008A) (J94008B) — SD-99551-01 Tests and Adjustments — Common Systems

201-379-501 3 Test Progress Tone Circuit SD-96603-01 — 2225 Hz Supply and Distributing Circuit — Tests

201-580-301 1 No-Such-Number Tone Supply Alarm Procedures, Manual Transfer and Trouble Clearing Procedures

201-580-501 1 No-Such-Number Tone Supply Circuits — Tests

201-6 ALARM SYSTEMS AND ORDER WIRES, MISCELLANEOUS FUSE ALARMS, EMERGENCY LINE AND TRUNK TRANSFER CIRCUITS, ALERTING SYSTEMS, AND TELEMETRY

201-601-101 3 Emergency Alarm Circuits — Description

201-601-501 2 Emergency Alarm System SD-90642-01 — Separate Incoming Alarm From Distant Office — Tests

201-601-502 4 Emergency Alarm Circuit SD-90641-01 or SD-96052-01 Arranged for Automatic Fire Detection — Single Zone — Tests

201-601-503 6 Emergency Alarm Circuit SD-90560-01 or SD-96049-01 Arranged for Zone Indicating Lamps and Automatic Fire Detection — Multi Zone — Tests

201-601-504 3 Emergency Alarm Circuit SD-90437-01 — Arranged for Code Signaling and Automatic Fire Detection — Tests

201-603-501 1 Fire Drill Alarm Circuit SD-90086-01 Tests

201-604-501 3 Fuse Alarms for Miscellaneous Circuits — Tests

201-605-501 1 Major Audible Alarm Circuit SD-95798-01 Arranged for Coded Signaling — Miscellaneous Tests

201-607-301 2 Cable Insulation Alarm Circuit SD-96348-01 — Method of Operation and Alarm Procedures

201-607-501 2 Cable Insulation Alarm Circuit SD-96348-01 — Tests

201-609-501 2 Low Insulation Alarm Circuit SD-62489-01 — Tests

201-610-301 3 Cable Pressure Telemetry — Central Control — Description and Operation — Toll Cable Pressure Transducer System

201-610-302 1 Cable Pressure Telemetry — Central Control and Cable/Transducers — Trouble Locating Procedures

201-610-311 3 Cable Pressure Telemetry — KS-20537, L1 Modoprinter and AP-20 Printer — Description, Operation, and Maintenance

201-610-501 5 Cable Pressure Telemetry — Central Control — Test and Trouble Analysis Procedures

201-611-501 3 Cable Gas Pressure Alarm Circuit SD-90412-01 — Cable Protection Alarm Circuit SD-95025-01 and Calling-In Signal — Tests

201-612-101 3 Cable Pressure Monitoring System (CPMS) — Remote and Satellite Terminals (SD-7C000-01, SD-2P035-01) — Description

201-612-301 4 Remote Terminal (SD-7C000-01) — Trouble Isolating and Alignment Procedure — Cable Pressure Monitoring System (CPMS)

201-612-302 3 Cable Pressure Monitoring System (CPMS) — Remote Terminal SD-7C000-01 — Cross Connections

201-612-311 4 Cable Pressure Monitoring System — Satellite Terminal SD-2P035-01 — Trouble Locating Procedures

201-612-312 2 Cable Pressure Monitoring System (CPMS) — Satellite Terminal SD-2P035-01 — Cross-Connections

201-612-313 1 Cable Pressure Monitoring System (CPMS) — Remote Terminal Test Set UTC013AD, 111 — Description and Operations

201-613-301 2 Cable Protection Alarm and Calling-In Signal Circuit SD-55211-01 — Tests

201-614-501 1 60-I.P.M. Interrupter Alarm and Distribution Circuit SD-63899-01 or SD-63899-02 for Teletype-writer Equipment — Tests

201-615-301 1 Alarm Receiving Circuit SD-95418-01 — Taking Equipment Out of Service

201-615-501 1 Alarm Receiving Circuit SD-95418-01 — Tests

201-616-101 1 Centralized Status, Alarm and Control System — Description

201-620-301 2 Audible and Visual Maintenance Alarm Equipment NS-01046-01 — Operating Methods, Alarm Procedures, Adjustment Procedures, and Trouble Locating Procedures

201-620-501 2 Central Office Audible and Visual — Maintenance Alarm Equipment NS-01046-01 — Tests

201-625-101 2 Telephone Order Wire Circuit SD-62476-011 — Selective Signaling — Description

201-626-101 1 Telephone Order Wire Circuit SD-55320-01 — 600-1500 Cycle Selective Signaling — Description

201-626-501 2 Telephone Order Wire Circuit SD-55320-01 and ES-55572-01 — 600-1500 Cycle Selective Signaling — Tests

201-627-101 1 600-1500 Cycle Selective Signaling Systems — Description

201-628-101 1 Alarm Trunk Circuit SD-64542-01 for Use Between Main and Auxiliary Repeater Stations Description

201-629-501 2 Alarm Trunk Circuit SD-64542-01 — Alarm Trunk Control Circuit SD-55055-01 — Alarm Trunk Switching Circuit SD-55859-01 — Alarm Trunk Station Selecting Circuit SD-55860-01 — Tests

201-630-010 2 B1 Alarm Indicator Record Forms — Description

201-630-101 1 B1 Alarm and Control System — Description

201-630-301 4 B1 Alarm and Control System — Method of Operation

	201-828-505	2	Local Test Cabinet No. 3 — Tests and Trouble Locating Procedures
	201-829-501	1	UT Carrier SD-1C151-01 — Central Office Unit
	201-830-301	1	Automatic Identified Outward Dialing Equipment — General Maintenance Procedures
	201-830-501	3	Alarms — Operation Tests — PBX Automatic Identified Outward Dialing Type A1 Equipment
	201-831-501	4	Automatic Identified Outward Dialing, Type A2 — Alarm Tests and Operation Tests Using Station Identification Test Circuit SD-1C235-01
	201-832-501	1	Dial Long Line Circuit SD 96588-01 — Test
	201-832-502	5	Dial Long Line Circuits — SD-96589-01 — 96590-01 — 96591-01 — Tests Using Test Position SD-96594-01
Add	201-833-501	1	
	201-833-501	7	Coin Station Test Line SD-1C297-01 — Tests and Trouble Locating Procedures
	201-836-501	1	Video Supervisory Signal Supply Circuit SD-27909-01 Associated With Wideband Remote Switch Circuit SD-27900-01 — Tests
	201-838-101	2	ROTL Control Panel — Description and Operation — Common Systems
	201-838-701	1	Remote Office Test Line (ROTL) Control Panel — E6 Repeater Adjustment
Add	201-840-501	1	
	201-840-501	2	Apartment Door Answering Service (ADAS) — ST-596038 — Central Office Tests
	201-840-502	1	Apartment Door — Answering Service (ADAS) — NS 02506-01 — Central Office Tests
	201-841-301	1	Calendar and Clock Circuit SD-68591-01 — Clock Setting
Add	201-842-100	1	
	201-842-100	1	Common Systems Message Printer SD-94866-01 — Description, Operating Procedures and Maintenance
	201-843-501	2	Busy Line Verification — Limiting Amplifier SD-97761-01 — Transmission Tests
	201-844-100	2	97A Control Unit — Description and Maintenance

201-850 No. 1 Trunk Concentrator

	201-850-101	3	No. 1 Trunk Concentrator — Description
	201-850-501	1	No. 1 Trunk Concentrator Circuit SD-97569-01 — Tests
	201-850-502	2	Outgoing Trunk Circuit to AIC SD-97570-01 — Transmission Tests — No. 1 Trunk Concentrator
	201-850-503	3	Outgoing Trunk Circuit to ACD SD-97578-01 — Direct Trunk or Via No. 1 TSPS — Transmission Tests — No. 1 Trunk Concentrator
	201-850-504	1	Trunks Terminating on No. 1 Trunk Concentrator — Incoming Trunk Frame — Trunk Transmission Tests
	201-850-505	2	Outgoing Trunk Circuit to No. 93 Desk SD-97578-01 — Direct Trunk or Via No. 1 TSPS — Transmission Tests — No. 1 Trunk Concentrator
	201-850-506	1	Outgoing Trunk Circuit SD-97578-01 to No. 1 ESS With CAMA — Transmission Sets — No. 1 Trunk Concentrator
	201-850-511	3	Outgoing Trunk Circuit SD-97570-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
Add	201-850-512	1	
	201-850-512	2	Incoming Intercept ANI Trunk Circuit SD-97571-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
	201-850-513	2	Incoming Intercept ONI-1 Trunk Circuit SD-97572-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
	201-850-514	4	Incoming Intercept ONI-3 Loop Signaling Trunk Circuit SD-97573-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
	201-850-515	4	Incoming Intercept ONI-3 E and M Lead Signaling Trunk Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
	201-850-521	4	Incoming Trunk Circuit SD-97577-01 for Directory Assistance Fields — Tests Using Portable Test Set SD-97576-01 (J94747A) — No. 1 Trunk Concentrator
	201-850-522	3	Outgoing Trunk SD-97578-01 — Tests Using Portable Test Set SD-97576-01 (J94747A) — No. 1 Trunk Concentrator

201-9 BILLING SYSTEMS

201-900 AMARC

	201-900-010	2	No. 1 Automatic Message Accounting Recording Center (AMARC) — Operation, Maintenance, and Management
	201-900-030	2	No. 1A Automatic Message Accounting Recording Center — Introduction to Nongeneric Parameter Data (NPD) and Instructions for Preparation of NPD Forms for Generics 3 and 4
	201-900-031	2	No. 1A Automatic Message Accounting Recording Center — Reproducible Nongeneric Parameter Data (NPD) Forms for Generics 3 and 4
Add	201-900-032	1	
	201-900-032	1	No. 1A Automatic Message Accounting Recording Center — Call Data Accumulator (CDA) Translations for No. 1A AMARC, Generic 3
	201-900-033	2	No. 1A Automatic Message Accounting Recording Center (AMARC) — Billing Data Transmitter (BDT) Translations for Generics 3 and 4
	201-900-034	2	No. 1A Automatic Message Accounting Recording Center — No. 3 ESS Sensor Translations for Generics 3 and 4
	201-900-035	2	No. 1A Automatic Message Accounting Recording Center — Call Data Transmitter (CDT) Translations for Generics 3 and 4

Add 201-900-036 2
201-900-036 1 No. 1A Automated Message Accounting Recording Center — No. 5 Electronic Tandem Switching and Voice Storage System Translations for Generics 3 and 4

Add 201-900-037 1
201-900-037 1 No. 1A Automatic Message Accounting Recording Center — No. 2B and No. 5 Electronic Switching Systems — Translations for Generic 4

201-900-050 2 Introduction to Nongeneric Parameter Data (NPD) — Required for No. 1 and 1A AMARC

201-900-051 2 Physical Description of No. 1 AMARC

201-900-052 2 Description of Nongeneric Parameter Data (NPD) Tables — No. 1 AMARC

201-900-053 2 Call Data Accumulator (CDA) Translations for No. 1 AMARC

201-900-054 2 Billing Data Transmitter (BDT) Translations for No. 1 AMARC

201-900-055 2 Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC — General

201-900-056 2 Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — No. 1 AMARC

201-900-057 2 Preparation of Nongeneric Parameter Data (NPD) Entry Parameters — No. 1 AMARC

201-900-058 2 Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1 AMARC

201-900-059 2 Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 — AMARC

201-900-060 2 Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1 Automatic Message Accounting Recording Center

201-900-061 2 Nongeneric Parameter Data — No. 1 AMARC Dump Messages

201-900-062 2 Nongeneric Parameter Data (NPD) — Other No. 1 AMARC Administrative Records

201-900-063 2 No. 1 Automatic Message Accounting Recording Center Administrative Considerations for Growth and Rearrangements

201-900-070 1 Introduction to Nongeneric Parameter Data (NPD) — Required for No. 1A AMARC-Generic 2 — Billing Systems — Supplemental Information — Central Offices

201-900-071 1 Physical Description of the No. 1A AMARC Generic 2 — Supplemental Information — Central Offices

201-900-072 1 Description of Nongeneric Parameter Data (NPD) Tables — No. 1A AMARC — Generic 2

201-900-073 1 Call Data Accumulator (CDA) Translations for No. 1A AMARC

201-900-074 1 Billing Data Transmitter (BDT) Translations for No. 1A AMARC

201-900-075 1 Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1A AMARC — General

201-900-076 1 Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — Generic 2 — Supplemental Information — Central Offices

201-900-077 1 Preparation of Nongeneric Parameter Data (NPD) Entry Parameters — No. 1A AMARC — Generic 2

201-900-078 1 Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1A AMARC

201-900-079 1 Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 AMARC

201-900-080 1 Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1A Automatic Message Accounting Recording Center — Generic 2

201-900-081 1 Nongeneric Parameter Data — No. 1A AMARC Dump Messages

201-900-082 1 Nongeneric Parameter Data (NPD) — Other No. 1A AMARC Administrative Records

201-900-083 1 Administrative Considerations for Growth and Rearrangements

201-900-084 1 No. 3 ESS Terminal Translations for No. 1A AMARC

201-900-101 2 No. 1 Automatic Message Accounting Recording Center (AMARC) — Description

201-900-102 2 230A Repeater SD-5P001-01 — No. 1 and No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-103 2 Description — Generics 1, 2, and 3

201-900-104 1 No. 1A Automatic Message Accounting Recording Center — Generic 4 Description

201-900-300 2 Software Growth Procedures — No. 1 Automatic Message Accounting — Recording Center (AMARC)

201-900-301 2 Routine Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-302 2 Operating Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC) — Generic 3, 4, and 5

201-900-303 2 Emergency Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-304 2 Fault Isolation Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-305 3 Date and Time Change Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-306 3 Data Set Interface and Auxiliary Functions (DSIAF) Diagnostics — Loading Procedure and Interpretation — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-307 3 Nongeneric Parameter Data Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-308 1 [illegible] Messages — No. 1 AMARC

201-900-309 2 Operator Analysis of Step-by-Step Channel Troubles — No. 1 and No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-310 2 Operator Analysis of BDT Channel Troubles — No. 1 and No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-313 1 Operator Analysis of the No. 5 Crossbar Electronic Translator System (ETS) and Local Automatic Message Accounting — Computer (AMA-C) — Channel Troubles No. 1 and No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-314 1 Operator Analysis of No. 3 Electronic Switching System (ESS) Channel Troubles — No. 1 and No. 1A AMARC

201-900-315 1 Coil Data Transmitter (CDT) — Operator Analysis of Channel Troubles — No. 1A Automatic Message — Accounting Recording Center (AMARC)

201-900-321 2 Routine Procedures for Generics 2 and 3 — No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-322 2 Operating Procedures for Generics 2 and 3 — No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-323 1 Emergency Procedures — No. 1A AMARC — Generics 1, 2, and 3

201-900-324 1 No. 1A AMARC — Fault Isolation Procedures — Generics 1, 2, and 3

201-900-325 1 Date and Time Change Procedures — No. 1A AMARC — Generics 1, 2, and 3

201-900-326 1 Data Set Interface and Auxiliary Functions (DSIAF) Diagnostics — Loading Procedure and Interpretation — No. 1A AMARC — Generics 1 and 2

201-900-327 1 Nongeneric Parameter Data Procedures — No. 1A AMARC — Generics 1, 2, and 3

201-900-328 1 Operator Analysis of System Related Trouble Messages — No. 1 AMARC

Add 201-900-330 2.
201-900-330 1 RP06 Disk — Description and Operating Procedures — No. 1A Automatic Message Accounting Recording Center (AMARC)

Add 201-900-331 1
201-900-331 1 Diagnostic Loading Procedure — No. 1A Automatic Message Accounting Recording Center (AMARC) Generic 3

201-900-340 1 No. 1 AMARC — Acceptance Tests — Generic 3

201-900-610 2 Common Systems — Network Switching Engineering — No. 1A Automatic Message Accounting Recording Center (Generic 2)

201-900-611 1 Common Systems — Network Switching Engineering — No. 1A Automatic Message Accounting Recording Center (Generic 3)

201-900-612 1 Common Systems — Network Switching Engineering — No. 1A Automatic Message Accounting Recording Center (Generic 4)

201-900-700 1 Billing Systems — Prebilling Failure Performance Reporting — Message Billing Failure Processing

201-901 BDT

Add 201-901-001 1
201-901-101 3 Billing Data Transmitter (BDT) — Description

201-901-301 4 Billing Data Transmitter (BDT) — Trouble Isolation Clearing

201-901-302 3 Central Office AMA Equipment With Billing Data Transmitter (BDT) — Precautionary Measures — Common Systems

Add 201-901-501 2
201-901-501 2 Recorder and Recorder Connector Cords SD-25872-01 — Operation Tests for Offices Equipped With Billing Data Transmitters

Add 201-901-502 1
201-901-502 4 Billing Data Transmitter (BDT) — Acceptance Tests

201-902 CAMA-C

201-902-010 2 Centralized Automatic Message Accounting Computerized (CAMA-C) — Operation, Maintenance, and Management — No. 4 Crossbar and Crossbar Tandem Offices

201-902-101 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Description Information — 4A, 4M Toll, and Crossbar Tandem Offices

201-902-200 1 Centralized Automatic Accounting — Computerized (CAMA-C) Line and Trunk Administration 4A, 4M and Crossbar Tandem Offices

Add 201-902-301 1
201-902-301 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Emergency Action Procedures — 4A, 4M Toll, and Crossbar Tandem Offices

201-902-302 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Multiplexer/Scanner Trouble Locating and Test

Add 201-902-303 1
201-902-303 2 Centralized Automatic Message Accounting (CAMA-C) — Recent Change Procedures — 4A, 4M Toll and Crossbar Tandem Offices

201-902-304 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) Hourly and Daily Maintenance Reports — Procedures and Message Interpretation — 4A, 4M Toll and Crossbar Tandem Offices

201-902-305 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Time Change Functions

201-902-306 3 Centralized Automatic Message Accounting (CAMA-C) — Generic Program Overwrites and Application of Broadcast Warning Change Notices — 4A, 4M Toll and Crossbar Tandem Offices

201-902-307 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Disk Handling Procedures

201-902-308 2 Centralized Automatic Message Accounting-Computerized (CAMA-C) — Remote Teletypewriter — Description, Operation, and Maintenance — 4A, 4M Toll and Crossbar Tandem Offices

201-902-309 3 Centralized Automatic Message Accounting-Computerized (CAMA-C) — Monitoring Tests — 4A, 4M Toll, and Crossbar Tandem Offices

Add 201-902-310 2
201-902-310 2 Centralized Automatic Message Accounting (CAMA-C) — Program Loading Procedures — 4A, 4M Toll and Crossbar Tandem Offices

201-902-501 4 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Routine Tests and Operations — 4A, 4M Toll and Crossbar Tandem Offices

201-902-502 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) Recorder and Recorder Connection Circuit SD-25872-01 Tests — 4A, 4M Toll and Crossbar Tandem

201-902-503 2 Centralized Automatic Message Accounting Computerized (CAMA-C) — Equipped With AT&TS or MECCA Feature Tests — 4A, 4M Toll and Crossbar Tandem Offices

201-903 HOBIS

Add 201-903-101 1
201-903-101 2 Hotel Billing Information System (HOBIS) — Description for Generic 1

201-903-102 1 Hotel Billing Information System/Centralized Credit — Refund System (HOBIS/CCRS) — Description for Generic 2

201-903-301 4 Hotel Billing Information System/Centralized Credit Refund System (HOBIS/CCRS) — Emergency Action and Restoration Procedures for Generics 1 and 2

201-903-302 4 Hotel Billing Information System/Centralized Credit Refund System (HOBIS/CCRS) — Routine Operating Procedures for Generics 1 and 2

201-903-303 2 Hotel Billing Information System/Centralized Credit — Refund System (HOBIS/CCRS) — Trouble Sectionalizing for Generics 1 and 2

201-903-501 1 No. 1 Hotel Billing Information System (HOBIS) — Maintenance Test Procedures

201-903-503 2 Hotel Billing Information System/Centralized Credit — Refund System (HOBIS/CCRS) — Acceptance Tests for Generic 2

DIVISION 205 — AUTOMATIC DATA TEST CIRCUITS

205-0 Indexes and Equipment Test Lists
1 Automatic Data Test Circuits

205-0 INDEXES AND EQUIPMENT TEST LISTS

♦ 205-000-000 11 Numerical Index — Division 205 — Automatic Data Test Circuits

205-001-011 1 ETI — Automatic Data Test Circuits

205-1 AUTOMATIC DATA TEST CIRCUITS

205-101-501 3 Automatic Data Test Line Circuit SD-71028-01 — Operation Tests

Add 205-102-301 1
205-102-301 1 Automatic Data Test Line — Trouble Locating Procedures

205-102-501 1 Automatic Data Test Line No. 5A (SD-71076-01) — Transmission and Operation Tests

DIVISION 210 — SERVICE OBSERVING, AND PLANT AND TRAFFIC DESKS

210-0 Indexes and Equipment Test Lists
1 Service Observing Desks

210-0 INDEXES AND EQUIPMENT TEST LISTS

♦ 210-000-000 58 Numerical Index — Division 210 — Service Observing, and Plant and Traffic Desks

210-001-011 3 ETI — No. 12 and Modified No. 7

210-001-013 2 ETI — Information and Toll Directory Desks

210-1 SERVICE OBSERVING DESKS

210-102-301 3 No. 4 Portable Service Observing Set — No. 1 or 2 Dial Pulse Recorder Set — Connections and Operations

210-105-501 2 Service Observing Circuit for Observing Speed of Answer — Tests — No. 12 Service Observing Desk

210-106-501 3 Intertoll Service Observing Circuit and Associated Dial Pulse Converter Circuit for Use with No. 12 Service Observing Desk — Tests — No. 4A or 4M Toll Switching System

210-110-501 3 Incoming Trunk and Distribution Circuit — Tests — No. 7 or 12 Service Observing Desk

210-111-501 2 Service Observing Circuit for Crossbar Tandem Incoming Intertoll Trunks — Tests Using Test Circuit SD-27050-01 — No. 7 or 12 Service Observing Desk

210-111-502	3	2- or 4-Wire Intertoll Service Observing Trunks and Associated Dial Pulse Converter — Tests Using Service Observing Test Circuit SD-95712-01 — No. 7 or 12 Service Observing Desk
210-115-501	1	Service Observing Circuit for Observing Calls to PBX Attendants and Stations — Crossbar Tandem Offices Arranged for Direct Inward Dialing to PBX — Tests — No. 7 or No. 12 Service Observing Desks
210-116-502	1	Service Observing Circuit for Step-by-Step CAMA Incoming Trunks — Tests Using Test Set SD-32271-01 (J38913AI — No. 7 or 12 Service Observing Desk
210-116-504	1	Service Observing Circuit for Incoming Trunks — No. 4A and 4M Toll Switching Systems — Tests — No. 7 or 12 Service Observing Desk
Add 210-118-502	1	
210-118-502	2	AMA, CAMA, and Local Dial Service Observing Circuits for DDD Trunks and Junctors, and Miscellaneous Local Dial Trunks in No. 5 Crossbar Office — Tests — No. 7 or 12 Service Observing Desk

DIVISION 211 — NO. 1, 3, 5, AND 6 TOLL OFFICES — NO. 1, 3, 5, AND 6 TOLL SWITCHBOARDS AND NO. 6A TELETYPEWRITER SWITCHBOARDS

211-0 Indexes, Equipment Test Lists, and Administrative Practices
-1 Common to More Than One Toll Office or Toll Switchboard
-2 No. 1 Toll Offices and Toll Switchboards
-3 No. 3 Toll Offices and Toll Switchboards
-4 No. 5 Toll Switchboards
-5 No. 6 Toll Switchboards
-8 6A Teletypewriter Switchboard

211-0 INDEXES, EQUIPMENT TEST LISTS, AND ADMINISTRATIVE PRACTICES

◆ 211-000-000	28	Numerical Index — Division 211 — No. 1, 3, 5, and 6 Toll Offices — No. 1, 3, 5, and 6 Toll Switchboards, and No. 6A Teletypewriter Switchboards
211-001-012	1	ETI — Common to More Than One Toll Office or Toll Switchboard
211-001-013	2	ETI — No. 1 Toll Office and Toll Switchboard
211-001-014	3	ETI — No. 3 Toll Office and Toll Switchboard
211-001-015	2	ETI — No. 5 Toll Switchboards
211-001-016	1	ETI — No. 6 Toll Switchboards
211-001-017	1	ETI — No. 6A Teletypewriter Switchboard
211-020-501	2	Equipment and Cross Connection Records — Toll Terminal Equipment
211-021-001	1	Trouble Indicator Records — Intertoll Trunk Terminating Equipment
211-022-001	2	Circulating and Recording Trouble Data — Manual Toll and TWX Offices

211-1 COMMON TO MORE THAN ONE TOLL OFFICE OR TOLL SWITCHBOARD

211-102-501	1	Supervisor Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-103-501	1	Operator Control and Telephone Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-104-501	1	Trouble Operator Cord, Telephone, and Grouping Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-105-501	1	Vacant Position Tone and Night Alarm Circuits — Automatic Listening Positions — Tests — No. 1 and 3 Toll Tandem Switchboards
211-106-501	1	Grouping and Splitting Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-107-501	1	Common Overflow and Reorder Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-110-501	2	Link Allotter — Call Distribution Equipment — Tests — Toll Offices
211-112-501	2	Group and Position Allotters — Call Distribution Equipment — Tests — Toll Offices
211-114-501	1	Group Busy Time Register, SD-63313-01 — Tests — No. 1 and 3 Toll Offices
211-116-501	1	Alarm Circuits for the 30, 60, and 120 I.P.M. Interrupter, Transfer, and Distributing Circuit SD-95078-01 — Tests — Toll Systems
211-117-501	1	Alarm Circuits for the 30, 60, and 120 I.P.M. Interrupter, Transfer, and Distributing Circuit SD-95099-01 — Tests — Toll Systems
211-118-501	1	Alarm Circuits for the 40, 60, and 120 I.P.M. Interrupter Circuit SD-63367-01 — Tests — Toll Systems
211-119-501	1	Alarm Circuits for the 60 I.P.M. Interrupter Relay Circuit SD-70136-01 — Tests — Toll Systems
211-126-501	4	Transmission Measurement Tests — No. 1 and No. 3-Type Switchboards
211-130-101	2	Pneumatic Tube Type Ticket Distributing System — Description — Toll Offices
211-130-301	5	Pneumatic Ticket Distributing System — Operating Methods — Toll Offices
211-130-501	4	Pneumatic Ticket Distributing System — Tests — Toll Offices
211-132-701	1	50A Detector for Pneumatic Tube System, Rockwell-Alarm — Requirements and Adjusting Procedures — Toll Offices
211-132-801	1	No. 50A Detector — Pneumatic Ticket Distributing System — Trouble Print Data and Replacement Procedures — Toll Offices
211-134-701	3	No. 28A Roller Reversing Valve — Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices

211-134-801 3 No. 28A Roller Receiving Valve — Pneumatic Ticket Distributing System — Piece Part Data and Replacement Procedures — Toll Offices

211-134-802 2 Helical Gear — Pneumatic Ticket Distributing System — Modification of Roller Receiving Valve (28A Valve) — Toll Offices

211-135-701 2 Roller Receiving Valve per D-80134, Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per ED-61355-01 for Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices

211-135-801 1 Roller Receiving Valve per D-80134, Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per ED-61355-01 — Pneumatic Ticket Distributing System — Piece Part Data and Replacement Procedures — Toll Offices

211-137-701 2 Hand Receiving Valves (25- and 26-Type Valves) — Ticket Retainers (KS-15536, Lists 1, 2, 3, and 4) — Sending Valves (27-Type Valves) — Pressure Equalizers (No. 29A and A-102556 Valves) — Removable Edge Sections (No. 1A and 2A or 6A Sections) — Pneumatic Ticket Distributing System Requirements and Adjusting Procedures — Toll Offices

211-137-801 3 Hand Receiving Valves (25- and 26-Type Valves) — Ticket Retainers (KS-15536, Lists 1, 2, 3, and 4) — Sending Valves (27-Type Valves) — Pressure Equalizers (No. 29A and A-102556 Valves) — Removable Edge Sections (No. 1A and 2A or 6A Sections) — Pneumatic Ticket Distributing System — Piece Part Data and replacement Procedures — Toll Offices

211-139-701 2 Hand Receiving Valve, D-79144 Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101150 — Removable Edge Section, D-6491 — Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices

211-139-801 3 Hand Receiving Valve, D-79144 — Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101159 — Pneumatic Ticket Distributing System — Piece Part Data and Replacement Procedures — Toll Offices

211-140-101 1 Ticket Distributing System — Track Type for Small Toll Switchboards — Description

211-146-001 1 Classifying and Recording Trouble Data — Intertoll Trunk Concentrating Equipment — Toll Offices

211-146-101 1 Intertoll Trunk Concentrating Equipment — Description — Toll Systems

211-146-301 1 Intertoll Trunk Concentrating Equipment — Trouble Indicator Alarm Routine — Operating Methods — Toll Offices

211-146-501 2 Intertoll Trunk Concentrating Equipment — Incoming Trunks — Tests

211-148-501 1 Toll Tandem Trunk Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards

211-150-501 4 Announcement Trunks — Toll Offices

211-152-501 2 Emergency Access Trunks to Intertoll Trunks Associated with No. 4 Type Toll or Crossbar — Tandem Switching Systems From Toll Switching Units No. 1, 3, 3C, and 3CI and No. 4 Type Toll Switching System from Toll Switchboard No. 5

211-154-501 2 Outgoing and 2-Way Intertoll Trunks in the Same Building with No. 5 Crossbar Office — Tests — No. 1, 3C, or 3CI Switchboard

211-155-501 1 Two-Way Trunk Circuits SD-25655-01 and SD-25667-01 to MJ Mobile Radio Telephone System — Tests — No. 1, 3, 3C, or 3CI Toll Switchboards

211-156-501 1 Intertoll Trunks — Miscellaneous Tests — No. 1 and 3 Toll Offices

211-160-501 2 DC Key Pulsing Senders Arranged for Reverting Pulses — Tests using Automatic Test Circuit SD-62059-011 — No. 1 and 3 Toll Switchboards

211-162-501 1 MF Key Pulsing Senders Arranged to Transmit Reverting Pulses — Tests Using Automatic Test Circuit SD-56097-01 — No. 1, 3, 3C, and 3CI Toll Switchboards

211-163-501 3 MF Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests using Manual Test Circuit SD-95400-01 — No. 1 and 3-Type Toll Switchboards

211-165-500 3 DC Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-90635-01 — No. 1 and 3 Toll Switchboards

211-165-501 2 DC Key Pulsing Senders — Operation Tests using Automatic Test Circuit SD-90424-01 — No. 1 and 3 Toll Switchboards

211-2 NO. 1 TOLL OFFICES AND TOLL SWITCHBOARDS

211-201-101 1 Semi-Automatic Testing and Adjusting Circuits — Low Shunt Type per SD-62218-01 and SD-62216-01 — Condenser Type Cord Circuit — Description — No. 1 Toll Offices

211-202-101 3 Semi-Automatic Testing and Adjusting Circuits — Low Shunt Type per SD-62140-01 or SD-62140-02 and SD-62136-01 — High Impedance Cord Circuits — Description — No. 1 Toll Switchboards

211-203-101 3 Manual Testing and Adjusting Circuits — Low Shunt Type Per SD-62148-01 or SD-62148-02 and SD-62145-01 — High Impedance Cord Circuits — Description — No. 1 Toll Switchboards

211-210-701 1 Cord Circuit DC Supervisory Relays — Requirements and Adjusting Procedures Using 35-Type Test Set — No. 1 Toll Offices

211-211-701 1 Cord Circuit AC Supervisory Relays — Requirements and Adjusting Procedures Using AC Relay and Signaling Test Set 168602A1 — No. 1 Toll Offices

211-212-501 1 Condenser Type Cord Circuits — Manual Tests — No. 1 Toll Offices

211-212-502	1	Condenser Type Cord Circuits — Semi-Automatic Test Using Test Circuit SD-62218-01 — No. 1 Toll Offices
211-212-701	1	Supervisory Relays — Condenser Type Cord Circuits — Requirements and Adjusting Procedures Using Manual Adjusting Circuit — No. 1 Toll Offices
211-212-702	1	Supervisory Relays — Condenser Type Cord Circuits — Requirements and Adjusting Procedures Using Semi-Automatic Adjusting Circuit — No. 1 Toll Offices
211-214-501	4	High Impedance Cord Circuits — Manual Tests using Test Circuit SD-62148-01 or SD-62148-02 — No. 1 Toll Switchboards
211-214-502	3	High Impedance Cord Circuits — Semi-Automatic Test Using Test Circuit SD-62140-01 or SD-62140-02 — No. 1 Toll Switchboards
211-214-701	2	Supervisory Relays — High Impedance Cord Circuits — Requirements and Adjusting Procedures Using Manual Adjusting Circuit Per SD-62145-01 — No. 1 Toll Switchboards
211-214-702	2	Supervisory Relays — High Impedance Cord Circuits Using Semi-Automatic Adjusting Circuit Per SD-62136-01 — Requirements and Adjusting Procedures — No. 1 Toll Switchboard
211-214-703	1	DC Supervisory Relays — High Impedance Cord Circuits Using Semi-Automatic Adjusting Circuits Per SD-64467-01 Requirements and Adjusting Procedures — No. 1 Toll Switchboard
211-218-501	2	High Impedance and Condenser Type Cord Circuits — Manual Tests using Test Sets J68602AJ, 35 Type and Circuit SD-61423-01 — No. 1 Toll Offices
211-216-502	3	High Impedance and Condenser Type Cord Circuits — Semi-Automatic Tests Using Test Circuit SD-62140-02 or SD-64468-01 — No. 1 Toll Switchboard
211-218-501	1	Permanent Signal Cord Circuits — Manual Tests — No. 1 Toll Switchboard
211-220-501	1	DC Keyset Circuits — Tests Using Test Circuit SD-56344-01 — No. 1 Toll Switchboard
211-221-501	1	MF Key Pulsing Key Monitoring Circuit — Tests — No. 1 Toll Switchboards
211-222-501	4	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-222-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-222-503	1	MF Keyset Circuit — Output Level — 8 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-226-501	3	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1B Toll Switchboard
211-226-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1B Toll Switchboard
211-228-501	3	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1 Toll Tandem Switchboards
211-228-502	1	MF Keyset Circuit — Output Level — 8 DBM Per Frequency — Tests — No. 1 Toll Tandem Switchboards
211-230-501	1	Miscellaneous Control Leads — No. 1 Toll Switchboards
211-231-501	1	Position Dial Circuits Used With Type A Cords — Tests — No. 1 Toll Offices
211-232-501	2	Intertoll Dialing — Cord and Position Dial Circuits — Tests — No. 1 Toll Offices
211-233-501	1	Position Coin Control Circuits — Tests — No. 1 Toll Switchboards
211-234-501	1	Plug, Position, and Trunk Circuits — Operation Tests Using Test Set J64724 — No. 1B Toll Switchboards
211-234-502	1	Plug and Position Circuits — AC Continuity and Balance Tests — Using Position Test Circuit — No. 1B Toll Switchboards
211-235-501	1	No. 49 and 92 Switchboard Multiple Tests — Tests Using Position Test Circuit — No. 1 and 1B Toll Switchboards
211-236-501	1	Supervisor Circuits — Tests — No. 1 Toll Offices
211-237-501	1	Operator Telephone Circuits — Tests — No. 1 Toll Offices
211-238-501	1	Plug Cord Circuits — Tests — No. 1 Toll Offices
211-239-501	1	No. 1A or 1B Toll Cabinet — Tests — No. 1 Toll Switchboards
211-250-501	1	Dismantling Circuits — Tests — Using Test Circuit SD-64759-01 — No. 1B Toll Switchboards
211-255-701	1	Toll Line AC Relays — Adjusting Circuit Per SD-62259-01 — Requirements and Adjusting Procedures — No. 1 Toll Offices
211-260-501	2	Intertoll Dialing — Intertoll Trunk Circuit Operation Tests From Switchboard Position in No. 1 Toll Offices
211-261-501	3	Ringdown Intertoll Trunks — Tests — No. 1 Toll Offices
211-262-501	3	Toll Switching Trunks to Manual Offices — Tests — No. 1 Toll Switchboards
211-263-501	1	Trunks to Community Dial Offices — Operation Tests — No. 1 Toll Switchboards
211-264-501	3	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests Using Connector Multiple Test Line SD-31636-01 — No. 1 Toll Switchboards
211-264-502	2	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests — Loop Back Method — No. 1 Toll Switchboards
211-264-503	4	Toll Switching Trunks to Step by Step Offices — Operation and Coin Control Tests With Assistant at Local Office — No. 1 Toll Switchboards
211-264-504	3	Toll Switching Trunks to Step by Step Offices — Miscellaneous Tests — No. 1 Toll Switchboards

211-265-501 3 Toll Switching Trunks to Panel and Crossbar Offices — Tests — No. 1 Toll Switchboards

211-268-501 1 Toll Switching Trunks — Tests Using Combined DC-MF Trunk Test Set SD-56147-01 — No. 1 Toll Switchboards

211-269-501 2 Toll Switching Trunks — Tests Using MF Trunk Test Set SD-55922-01 — No. 1 Toll Switchboards

211-3 NO. 3 TOLL OFFICES AND TOLL SWITCHBOARDS

211-300-101 1 No. 3CI Switchboards — Switching Trunk Tandem Position — Description — Toll Systems

211-303-501 3 Cord Circuits — Tests Using Test Circuit SD-55056-01 — No. 3C and 3CI Toll Switchboards

211-303-502 1 Cord Circuits — Tests Using Position Test Circuit — No. 3CF Toll Switchboards

211-303-503 4 Cord Circuits — Tests Using Test Circuit SD-61097-01 or SD-61097-02 — No. 3 Toll Offices

211-303-504 3 Cord Circuits — Tests Using Test Circuit SD-63971-01 — No. 3 Toll Office

211-307-501 3 MF Keyset Circuits — Output Level 0 DBM Per Frequency — Tests — No. 3, 3C, or 3CI Toll Switchboards

211-307-502 2 MF Keyset Circuits — Output Level —3 DBM per Frequency — Tests — No. 3, 3C, and 3CI Toll Switchboards

211-307-503 2 MF Keyset Circuits — Output level —8 dbm Per Frequency — Tests — No. 3, 3C, and 3CI Toll Switchboards

211-307-504 1 MF Keyset Circuits Output Level — 6 DBM Per Frequency Tests No. 3, 3C, and 3CI DSA Switchboards

211-312-501 1 Plug and Position Circuits — AC Continuity and Balance Tests Using Position Test Circuit — No. 3B Toll Switchboards

211-313-501 1 Plug, Position, and Trunk Circuits — Operation Tests Using Test Set J64724 — No. 3B Toll Switchboards

211-314-501 1 Position and Dial Circuits — Tests Using Position Test Circuit — No. 3CF Toll Switchboards

211-315-501 2 Position, Dial, and DC Keyset Circuits — Tests Using Test Circuit SD-55056-01 — No. 3C and 3CI Toll Switchboards

211-315-502 3 Position, Dial, and DC Keyset Circuits — Tests Using Test Circuit SD-61097-01 or SD-61097-02 — No. 3 Toll Switchboards

211-315-503 3 Position, Dial, and DC Keyset Circuits — Tests Using Test Circuit SD-63971-01 — No. 3 Toll Switchboards

211-316-501 1 Position Circuits — Miscellaneous Tests — No. 3B Toll Switchboards

211-317-501 1 Multiple Jacks — Tests Using Position Test Circuit — No. 3CI Toll Switchboards

211-318-501 1 No. 49 and 92 Switchboard Multiple Jacks — Tests Using Position Test Circuit — No. 3B and 3C Toll Switchboards

211-319-101 1 AC Busy and Idle Indicating Lamp Signals — Description — Toll Switchboards

211-325-501 1 Supervision Circuits — Tests — No. 3 Toll Offices

211-326-501 3 Operator Telephone Circuits — Tests — No. 3 Toll Offices

211-327-501 1 Operator Telephone Circuits — Tests — No. 3C Toll Switchboards

211-328-501 1 Operator Telephone Circuits — Tests — No. 3CF Toll Switchboards

211-330-501 1 Peg Count Circuits — Tests — No. 3 Toll Offices

211-332-501 1 Key Monitoring Circuits — Tests — No. 3 Toll Offices

211-334-101 1 Pad Control Relay Testing Circuit — Description — No. 3 Toll Offices and No. 11 Offices

211-334-701 1 Pad Control Relays — Requirements and Adjusting Procedures Using Testing Circuit Per SD-63958-01 — No. 3 Toll Offices and No. 11 Offices

211-336-501 1 No. 1 Toll Cabinet — Tests — No. 3, 3C, or 3CI Toll Switchboards

211-338-501 1 Incoming Trunk, Position, Telephone Discriminating, and Dial Circuits — Tests — Emergency Toll Tandem Switchboards

211-340-501 2 Energized Training Circuits — Tests — No. 3CI Switchboards

211-342-501 1 Discriminating Circuits — Tests Using Test Circuit SD-64759-01 — No. 3B Toll Switchboards

211-344-501 1 Link Circuit SD-90705-01 — Operation Tests — No. 3, 3C, or 3CI Toll Switchboards

211-346-501 2 Outgoing Trunk and Link Circuits — Key Pulsing — Tests — No. 3 Toll Offices

211-360-501 2 Intertoll Dialing Trunks — Operation Tests from Switchboard Position in No. 3 Toll Offices

211-361-501 3 Ringdown Intertoll Trunks — Tests — No. 3 Toll Offices

Add 211-362-501 1

211-362-501 1 Toll Switching Trunks to Manual Offices — Tests — No. 3 Toll Switchboards

211-363-501 1 Trunks to Community Dial Offices — Operation Tests — No. 3, 3C, 3CI, and 3CL Toll Switchboards

211-364-501 4 Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests Using Connector Multiple Test Line SD-31636-01 — No. 3, 3C, 3CF, and 3CI Toll Switchboards

211-364-502 2 Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests — Loop Back Method — No. 3, 3C, and 3CF Toll Switchboards

211-364-503 4 Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests With or Without Assistant at Local Office — No. 3, 3C, and 3CF Toll Switchboards

Add 211-364-504 1
211-364-504 2 Toll Switching Trunks to Step-by-Step Offices — Tests — No. 3, 3C, and 3CF Toll Switchboards

Add 211-365-501 1
211-365-501 3 Toll Switching Trunks to Panel and Crossbar Offices — Tests — No. 3, 3C, 3CF, and 3CI Switchboards

211-368-501 2 MF Toll Trunks — Overall Operation Tests — No. 3, 3C, and 3CI Toll Switchboards

211-369-501 1 Intertoll Dialing — DC Key Pulsing Intertoll Trunks and Tmk Circuits — Operation Tests — No. 3 Toll Offices

211-371-501 1 Delayed Call Operator Service Trunk SD-18103-01 — Tests — Toll Switchboard Arranged for Wideband

211-4 NO. 5 TOLL SWITCHBOARDS

211-401-501 2 Position Test Circuit — Tests — No. 5, 5C, or 5D Switchboard

211-402-501 3 Operator Telephone Circuit — Tests Using Position Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard

211-403-501 6 Position and Keyset Circuits — Tests Using Position Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard

211-406-501 4 Cord Circuits — Tests Using Position Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard

211-407-501 2 Multiplex Jack — Tests Using Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard

211-420-501 2 Interposition Trunk Circuit — Tests — No. 5 Toll Switchboard — No. 4A and 4M Toll Switching Systems

211-430-501 2 Outgoing Trunk Circuits — (Not Appearing on Incoming Link Frames and Not Equipped With Test Jacks) — Tests — No. 5, 5C, or 5D Switchboards

211-430-502 1 Transmission Tests No. 5 Type Toll Switchboards

211-435-501 2 Incoming Trunk Circuits — Not Appearing on Incoming Link Frames and Not Equipped With Tests Jacks — Tests — No. 5 Toll Switchboard — No. 4A and 4M Toll Switching Systems

211-5 NO. 6 TOLL SWITCHBOARDS

211-501-501 1 High Impedance Cord Circuits — Tests Using Test Circuit SD-55124-01 and Manual Test Circuit SD-62148-01 or SD-62148-02

211-501-502 1 High Impedance and Condenser Type Cord Circuits — Tests Using Test Circuit SD-55124-01 and Semi-Automatic Test Circuit SD-62140-01, SD-62140-02 or SD-64468-01

211-501-503 1 High Impedance and Condenser Type Cord Circuits — Tests using Test Circuit SD-55124-01 and Voltage Test Set SD-63674-01

211-505-501 1 Cord Circuits — Tests using Test Circuit SD-55124-01

211-505-502 1 Cord Circuits — Tests using Test Circuit SD-61097-01 or SD-61097-02

211-505-503 1 Cord Circuits — Tests Using Test Circuits SD-63971-01 or SD-55056-01

211-507-501 1 Position and Dial Circuits — Tests Using Test Circuit SD-55124-01

211-507-502 1 Position, Dial and Keyset Circuits — Tests Using Test Circuit SD-61097-01 or SD-61097-02

211-507-503 1 Position, Dial and keyset Circuits — Tests Using Test Circuit SD-63971-01 or SD-55056-01

211-509-501 1 Operator Telephone Circuits — Tests Using Test Circuit SD-55124-01

211-509-502 1 Operator Telephone Circuits — Tests Using Test Circuit SD-61097-01, SD-61097-02, SD-63971-01, or SD-55056-01

211-8 6A TELETYPEWRITER SWITCHBOARD

211-803-501 4 Conference Circuit — Operation Test

211-805-501 2 Incoming Trunks — Test

211-806-501 1 Outgoing Trunks — Operation Test

211-807-501 1 Position Monitoring Circuit — Tests

DIVISION 212 — NO. 4A AND 4M TOLL SWITCHING SYSTEMS

212-0 Indexes, Administrative, and General Information
-020 Network Switched Services (Administration and Maintenance) Methods
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	218-161-301	2	FSP Signaling Transmitting Circuit — ISD-99300-01 (SD-99718-01) — Locating Trouble
	218-161-302	3	FSP Signaling Receiving Circuit — ISD-99301-01, SD-99719-01) — Locating Trouble
	218-161-305	1	FSP Transmitter-Receiver Test Circuit — SD-99317-01 — Locating Trouble
	218-161-503	2	Frequency Shift Pulsing Outgoing Senders SD-27624-01 — Tests Using Sender Test Set SD-25674-01 (I24756A)
	218-161-603	1	Frequency Shift Pulsing Outgoing Registers — Tests Using Test Set SD-25676-01 (I24756B)
	218-165-301	8	Number Group Frame — Nonwire-Spring-Relay Type — Cross Connections and Associated Cross Connections at the Main Distributing Frame — No. 5 Crossbar Offices
	218-165-302	1	Number Group and Connector Frame — Alarm Routine
	218-165-303	2	Number Group and Connector Frame — Taking Equipment Out of Service
	218-165-304	4	Number Group Frame — Nonwire-Spring-Relay Type — Cross Connection Methods
Add	218-165-501	1	
	218-165-501	5	Number Group and Connector Circuit — Nonwire-Spring-Relay Type — Tests
Add	218-165-503	1	
	218-165-503	4	Number Group Circuits — Wire-Spring-Relay Type — Tests
	218-170-501	6	Translator Circuits SD-25754-01 and SD-26019-01 — Tests Using Master Test Frame — Arranged for LAMA, AMA or CDT
Add	218-170-502	1	
	218-170-502	4	Translator SD-99319-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AIOD
Add	218-171-501	1	
	218-171-501	1	Direct Access Pretranslator Connector Circuit SD-27801-01 — Tests Using Master Test Frame
Add	218-172-501	1	
	218-172-501	13	LAMA Transverter SD-25591-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices
	218-172-503	9	LAMA Transverter SD-25591-01 — Miscellaneous Tests — No. 5 Crossbar Offices
	218-173-501	4	LAMA Transverter SD-27809-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
	218-173-502	2	LAMA Transverter SD-27809-01 — Miscellaneous Tests — No. 5 Crossbar Offices Arranged for AMA Magnetic Tape Recording
	218-174-501	9	Recorder and Recorder Connector Circuits SD-25872-01 — Tests — No. 5 Crossbar Offices — Arranged for LAMA or CAMA Paper Tape
	218-175-501	4	Trunk Control Circuit SD-94810-01 — Tests Using Master Test Frame — Arranged for AMA Magnetic Tape Recording
	218-176-501	4	Call Identity Indexer SD-94809-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
	218-178-501	8	CAMA Transverter SD-26010-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices
	218-178-503	3	Transverter SD-26010-01 — Miscellaneous Tests
	218-179-501	3	CAMA Transverter Connectors SD-26011-01 — Tests
	218-180-501	6	CAMA Sender SD-26056-01 — Tests Using Test Set SD-25676-01 (I24756B) — No. 5 Crossbar Offices
	218-181-501	5	CAMA Billing Indexer SD-26012-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices
	218-182-501	5	CAMA Positive Link Circuit SD-26047-01 — Tests
	218-183-501	4	CAMA Junctor Circuit SD-26102-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-184-501	4	CAMA Incoming Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
	218-185-501	2	CAMA Intermarker Group Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
	218-186-501	3	CAMA Suspension Circuit SD-26017-01 — Tests
	218-187-501	2	Peg Count Registers for CAMA Initial Entries — Tests Using Master Test Frame
	218-188-501	3	CAMA Calls Waiting Signal Circuit — Tests

218-189-501	1	CAMA Line Observing Number Matching Circuit — Tests
Add 218-192-501	2	
218-192-501	4	Add Transmission [illegible] Master Test Frame
218-198-501	3	Call Identity Indexer Circuit SD-25621-01 — Tests Using Master Test Frame
218-198-502	2	Call Identity Indexer SD-25621-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
218-201-501	6	Coin Supervisory and Coin Supervisory Concentrating Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-202-501	4	Coin Supervisory Release Circuit SD-25859-01 — Tests Using Master Test Frame
218-203-301	2	Coin Supervisory Link Frame — Cross-Connections
218-203-302	1	Coin Supervisory Link Frames — Taking Equipment Out of Service
218-203-501	4	Coin Supervisory Link Circuits — Nonwire Spring-Relay Type — Tests
218-209-501	2	Dial Coin Zone Concentrators — Tests
218-216-501	7	Master Test Frame Connector SD-25805-01 — Preference and Lockout Chains — Tests — No. 5 Crossbar Offices
218-216-502	4	Master Test Frame Connector SD-27718-01 — Preference and Lockout Chains — Tests — No. 5 Crossbar Offices
218-217-301	3	Monitor Amplifiers of the Automatic Monitor [illegible] Methods
218-217-701	3	Touch-Tone Oscillators Used in Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — Adjustment
218-218-501	1	KS-13834 Perforator and Trouble Recorder Circuit — Tests Using Trouble Recorder Test Circuit SD-25682-01
218-218-502	5	KS-13834 Perforator and Trouble Recorder Circuit — Tests
218-219-301	1	Time of Day — Alarm Routine
218-219-302	1	Time of Day Circuit — Taking Equipment Out of Service
218-219-501	1	Time of Day Circuit — Tests
218-220-301	14	Compiling Data for Control Tapes for Operational Trunk Tests — Using Automatic Progression Trunk Test Frames
Add 218-220-302	1	
218-220-302	11	Preparation of Control Tapes for Operational Trunk Tests — Using Automatic Progression Trunk Test Frame — No. 5 Crossbar Offices
218-220-303	7	Compiling Data for Control Tapes — For Transmission Testing of Trunks Using Automatic Progression Trunk Test Frame and Automatic Transmission Measuring System
218-220-304	4	Preparation of Control Tapes for Transmission Testing of Outgoing Trunks — Automatic Progression Trunk Test Frame and Automatic Transmission Measuring System
Add 218-220-701	1	
218-220-701	4	Automatic Progression Trunk Test Circuit SD-25938-01 — Build-Out Resistor Assembly Adjustment
218-224-501	1	Auxiliary Line Circuit SD-99484-01 for Off-Hook Access Service — Tests Using Trunk Test Circuit SD-25918-01
218-225-501	4	Emergency Line Circuits — Tests
218-226-501	2	Emergency Transfer Circuit — Dial to Manual Service — Tests
218-227-501	8	Auxiliary Line and Line Auxiliary Circuits Serving One Office — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-227-502	2	Auxiliary Line Circuits Serving More Than One Office in the Same Building — Tests
218-228-501	1	Auxiliary Line and Allotter Circuit — Wide Area Data Service — Tests
218-229-501	1	Dial Long Line Circuits — Coin — Wire-Spring Relay Type — Tests
218-230-501	2	Dial Long Line Circuits — 2-Party Message Rate — Wire Spring Relay Type — Tests Using Master Test Frame
218-231-501	3	Station Ringer Test Circuits SD-25861-01, SD-25927-01, and SD-26109-01 — Tests Using Trunk Test Circuit SD-25918-01
218-232-501	12	Traffic Register Lead Index — No. 5 Crossbar Offices — Equipped With Master Test Frame
218-232-502	4	Traffic Registers — Part 1 — Tests Using Master Test Frame
218-232-503	2	Traffic Registers — Part 2 — Tests Using Master Test Frame
218-232-504	4	Traffic Registers — Part 3 — Tests Using Master Test Frame
218-232-505	4	Traffic Registers — Part 4 — Tests Using Master Test Frame
Add 218-232-506	1	
218-232-506	4	Traffic Registers — Part 5 — Tests Using Master Test Frame
218-232-507	2	Traffic Registers — Part 6 — Tests Using the Master Test Frame
218-232-508	3	Traffic Registers — Part 7 — Tests Using Master Test Frame
Add 218-232-509	1	
218-232-509	3	Traffic Registers — Part 8 — Tests Using Master Test Frame
218-232-510	3	Traffic Registers — Part 9 — Tests Using Master Test Frame
218-232-511	2	Traffic Registers — Part 10 — Tests Using Master Test Frame

Add	218-232-512	1	
	218-232-512	2	Traffic Registers — Part 11 — Tests Using Master Test Frame
Add	218-232-513	1	
	218-232-513	3	Traffic Registers — Part 12 — Tests Using Master Test Frame
	218-232-514	4	Traffic Registers — Part 13 — Tests Using Master Test Frame
	218-232-515	4	Traffic Registers — Part 14 — Tests Using Master Test Frame
	218-232-516	6	Traffic Registers — Part 15 — Test Using Master Test Frame — No. 5 Crossbar Offices
	218-232-517	3	Traffic Registers — Part 16 — Tests Using Master Test Frame
Add	218-232-519	1	
	218-232-519	2	Traffic Registers — Part 17 — Tests Using Master Test Frame
Add	218-232-520	1	
	218-232-520	1	Traffic Registers — Part 18 — Tests Using Master Test Frame
	218-232-521	2	Traffic Registers — Part 19 — Tests Using Master Test Frame
	218-232-522	3	Traffic Registers — Part 20 — Tests Using Master Test Frame
Add	218-232-523	1	
	218-232-523	1	Traffic Registers — Part 21 — Tests Using Master Test Frame
Add	218-232-525	1	
	218-232-525	3	Traffic Registers — Part 22 — Tests Using Master Test Frame
Add	218-232-527	1	
	218-232-527	2	Traffic Registers — Part 23 — Tests Using Master Test Frame
Add	218-232-530	1	
	218-232-530	1	Traffic Registers — Part 24 — Tests Using Master Test Frame
	218-232-531	1	Traffic Registers — Part 25 — Tests
	218-233-000	7	Plant Register Index — Tests
Add	218-233-501	1	
	218-233-501	8	Plant Registers — Part 1 — Tests Using Master Test Frame
	218-233-502	1	Plant Registers — Part 2 — Tests Using Master Test Frame
Add	218-233-503	2	
	218-233-503	1	Plant Registers — Part 3 — Tests Using Master Test Frame
	218-233-504	2	Plant Registers — Part 4 — Tests Using Master Test Frame
	218-233-505	1	Plant Registers — Part 5 — Tests Using Master Test Frame
	218-233-506	2	Plant Registers — Part 6 — Tests Using Master Test Frame
	218-233-507	2	Plant Registers — Part 7 — Tests Using Master Test Frame
Add	218-233-508	1	
	218-233-508	1	Plant Register — Part 8 — Tests Using Master Test Frame
	218-233-509	2	Plant Registers — Part 9 — Tests Using Master Test Frame
	218-233-510	2	Plant Registers — Part 10 — Tests Using Master Test Frame
	218-233-511	3	Plant Registers — Part 11 — Tests Using Master Test Frame
	218-233-512	1	Plant Registers — Part 12 — Tests Using Master Test Frame
	218-233-513	1	Plant Registers — Part 13 — Tests Using Master Test Frame
	218-233-514	2	Plant Registers — Part 14 — Tests Using Master Test Frame
	218-233-515	2	Plant Registers — Part 15 — Test Using Master Test Frame
	218-233-516	2	Plant Registers — Part 16 — Tests — No. 5 Crossbar Offices
Add	218-233-517	1	
	218-233-517	1	Plant Registers — Part 17 — Tests Using Master Test Frame
	218-234-501	1	Message Timing Circuits SD-27542-01 — Tests for Metered Lines and Trunks
	218-235-501	1	Message Register Pulsing Junctor Circuit SD-28108-01 — Auxiliary Line Circuit for Remote Message Registration SD-28109-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
	218-237-301	1	60 and 120 IPM Interrupter Circuits — Alarm Routine
	218-237-302	1	60 and 120 IPM Interrupter Circuits — Taking Equipment Out of Service
	218-237-501	4	60- and 120-IPM Interrupter Circuit SD-25742-01 — Tests
	218-238-501	3	30 IPM Interrupter Circuit SD-27637-01 — Tests
	218-239-501	1	Interrupter Circuit SD-27510-01 — Tests
	218-240-301	5	Trunk Testing Procedures Using Automatic Recycle Feature of Trunk Test Circuit SD-25918-01
	218-245-501	5	Customer Line and Outgoing Trunk Conductors — Voltmeter Tests Using Master Test Frame
	218-246-501	6	Trunk Transmission Tests — Circuits Terminated on Trunk Link Frame Using Master Test Frame
	218-246-502	3	Trunk Transmission Tests — Circuits Terminated on Line Link Frame Using Master Test Frame — No. 5 Crossbar Offices
	218-246-503	2	Manual Trunk Transmission Tests Using Remote Office Test Line

218-246-506 1 Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using Master Test Frame — No. 5 Crossbar Offices

218-246-701 1 Transmission Test Pads — 4A/B Trunk Test Circuit SD-25918-01 — Adjustments

218-247-501 11 Intraoffice Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01

218-248-301 1 Trunk Operational Test — Remote Office Test Line

218-249-501 4 Intermarker Group Trunks — Subscriber to Trunk — Tests Using Trunk Test Circuit SD-25918-01

218-249-502 5 Intermarker Group Trunks — Subscriber to Subscriber — Tests Using Trunk Test Circuit SD-25918-01

218-249-503 3 Intermarker Group Trunks — Trunk to Subscriber — Tests Using Trunk Test Circuit SD-25918-01

Add 218-251-501 1
218-251-501 11 Incoming Trunk Circuit — Noncentrex — Tests Using Master Test Frame (MTF) — No. 5 Crossbar Offices

218-251-502 1 Incoming Trunk Circuits — Centrex — Tests Using Trunk Test Circuit SD-25918-01

218-252-501 5 Incoming Intertoll and Incoming Features of 2 Way Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01

218-253-501 3 Incoming Trunks — Tests Using Manual Outgoing Trunk Test Circuit SD-95476-01

218-254-501 6 Toll Switching Trunks, Operator Completing Trunks, and Operator Junctor Circuits From No. 1, 3, 3C, or 3CI Toll Switchboards in Same Building — Tests

218-257-501 5 2-Way Intertoll Trunk Circuits SD-27654-01 — Tests Using Trunk Test Circuits SD-25918-01 — No. 5 Crossbar Offices

218-257-502 4 2-Way Intertoll Trunk Circuits SD-27655-01 — Tests Using Trunk Test Circuit SD-25918-01

218-258-501 8 2-Way Trunks to Community Dial Offices — Tests Using Trunk Test Circuit SD-25918-01

218-258-502 1 2-Way Trunk SD-25667-01 — Arranged for Use With 23 Type Desk and 3C or 3CI Switchboard

218-259-501 3 2-Way Operator Office Trunk Circuit SD-27593-01 — Tests Using Trunk Test Circuit SD-25918-01 and No. 1, 3, 3C, or 3CI Toll Switchboards

218-260-501 2 No. 101 ESS Central Office Trunk Circuit SD-1H077-01 — Tests Using Trunk Test Circuit SD-25918-01

218-262-501 11 Trunk Operational Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01

218-262-502 5 Transmission Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01 and Automatic Transmission Measuring System

218-262-503 1 Manual Trunk Transmission Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01 — No. 5 Crossbar Offices

218-263-501 4 Junctor Circuit SD-27713-01 for Use on Off-Net Access Line — Tests Using Trunk Test Circuit SD-25918-01

218-263-601 2 Outgoing Completing Trunks — Tests Using Trunk Test Circuit SD-25916-01 — No. 5 Crossbar Offices

218-265-501 3 Auxiliary Outgoing Trunk — SD-26064-01 — Tests Using Trunk Test Circuit SD-25918-01

218-266-501 3 Auxiliary Outgoing Trunks SD-25851-01 and SD-25852-01 for Use With Ringdown Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01

218-267-501 8 Auxiliary Outgoing Trunks and Toll Switching Trunks — Tests Using Master Test Frame

Add 218-268-501 1
218-268-501 9 Outgoing Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-269-501 4 Outgoing Trunks for Intertoll Completion

218-270-501 4 Combination Outgoing and Toll Switching Trunks — Tests Using Trunk Test Circuit SD-25918-01

218-271-501 11 Outgoing Trunk and Junctor Circuits — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-271-504 4 Outgoing Trunk Circuit SD-27712-01 for Off-Net Access Line — Tests Using Trunk Test Circuit SD-25918-01

218-272-501 4 Outgoing Intertoll Trunk Circuits and Outgoing Portion of Intraoffice Arrangement per ES-27601-01 for Data Service — Tests Using Trunk Test Circuit SD-25918-01

218-273-501 5 Outgoing Trunks — Tests Using Manual Outgoing Trunk Test Frame SD-95476-01 — No. 5 Crossbar Offices

218-274-501 2 Incoming Intertoll Trunks and Incoming Portion of Intraoffice Arrangements per ES-27601-01 — Tests Using Trunk Test Circuit SD-25918-01

218-275-501 5 Junctor Circuit SD-27729-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-277-501 2 Remote Line Circuit SD-27858-01 — Tests Using Trunk Test Circuit SD-25918-01

218-277-502 4 2-Way Trunk Circuit SD-27836-01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-277-503 2 Attendant Trunk Circuit SD-27838-01 for Remote Attendant — Test Using Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-277-504 2 Attendant Access Trunk SD-27851-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-277-505 3 Attendant Access Trunk Circuit SD-27857-01 for Use With Console (CCSA) — Tests Using Trunk Test Circuit SD-25918-01

218-277-506 3 Outgoing Interlatl Trunk Circuit SD-27878-01 for Off Net Access Service — Tests Using Trunk Test Circuit SD-25918-01

218-279-501 7 Reversing Call Trunks — Tests Using Trunk Test Circuit SD-25918-01

218-280-501 9 Outgoing Information, Outgoing Repair Service, Outgoing Official PBX, Common Overflow, Tone, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Trunk Test Circuit SD-25918-01

218-280-502 2 Outgoing Trunk Circuit for Information Service SD-28080-01 — Tests Using Master Test Frame

218-282-501 8 Recording Completing, Special Service, Intercepting, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Master Test Frame

218-283-501 10 Verification Request, Intercepting, Official PBX, Information, and Repair Service Trunks and Intercept Junctors From Line Link Frame — Tests Using Master Test Frame

218-284-501 5 Trunks to Local Test Desk No. 14, Local Test Cabinet No. 3, and Associated Auxiliary Trunks — Tests Using Trunk Test Circuit SD-25918-01

218-285-501 7 Free Trunks and Associated Auxiliary Trunks — Tests Using Trunk Test Circuit SD-25918-01

218-286-301 2 Permanent Signal Holding Trunk, Concentrating, Timing and Associated Auxiliary Trunk Circuits — Taking Equipment Out of Service

218-286-501 8 Permanent Signal Holding Trunk, Concentrating, Timing, and Associated Auxiliary Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01

218-286-502 2 Trunk Appearance Circuit SD-27156-01 and Overflow Links Associated With Overflow Trunk Circuit SD-27155-01 for Use With Permanent Signal Expanded Routing — Tests Using Master Test Frame

218-287-501 1 No Such-Number Signal Tone Trunks — Tests Using Trunk Test Circuit SD-25918-01

218-288-501 2 No Circuit Signal Trunks SD-26158-01 — Tests Using Trunk Test Circuit SD-25918-01

218-289-501 8 Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Trunk Test Circuit SD-25918-01

218-290-501 2 Slunk Coin Trunks SD-25763-01 — Tests Using Trunk Test Circuit

218-291-501 3 Dial Coin Zone — Outgoing Trunk or Junctor Circuit SD-26078-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-3 CENTREX OFFICES

218-320-501 3 Attendant Access Trunk SD-27583-01, SD-27937-01 — Tests Using Test Position Circuit SD-27589-01 or SD-27695-01 — Arranged for Phase II or III Centrex

218-321-501 4 Attendant Trunk Circuit SD-27582-01 — For Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex

218-322-501 1 Attendant Trunk Circuit SD-27622-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex

218-322-502 3 Attendant Trunk Circuits SD-27721-01 and SD-27722-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex

218-323-501 5 Position Link Circuit SD-26185-01 — Miscellaneous Tests — Arranged for Phases I, II, and III Centrex

218-324-501 6 Position and Position Loop Circuit SD-27589-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex Manual Frontier

218-325-501 2 Conference Control Circuit and Auxiliary Conference Control Circuit — Tests Using Test Position Circuit SD-27589-01 and Trunk Test Circuit SD-25918-01 — Arranged for Phases II and III Centrex

218-326-501 1 Calls Waiting Signal Circuit SD-27653-01 — Tests — Arranged for Phase II or III Centrex

Add 218-327-501 1
218-327-501 3 Line Busy Verification Trunk Circuit SD-27812-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase I, II, or III Centrex

218-328-501 2 Access Group Controller Circuit SD-27748-01 — Tests — Arranged for Phases I, II, and III Centrex

Add 218-329-501 1
218-329-501 1 Touch Tone Calling Signal to Dial Pulse Converter Circuit ES-26505-01 — Tests Using Converter Test Circuit ES-26508-01 Arranged for Phase I, II, and III Centrex

218-330-701 2 High Impedance Tone Generator SD-27825-01 — Adjustment — Arranged for Phase I, II, or III Centrex

218-331-501 2 Interoffice Trunk Circuit SD-27579-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-332-501 2 Interoffice Trunk Circuits SD-27685-01 — Tests Using Trunk Test Circuit SD-25918-01

218-340-501 4 Attendant Trunk SD-27689-01 for Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex

218-341-501 3 2-Way Trunk Circuit SD-27865-01 — Arranged for Console Operation — Tests Using Trunk Test Circuit SD-25918-01

218-341-502 2 2-Way Trunk Circuit SD-27865-01 Arranged for 608A Switchboard Operation — Tests Using Trunk Test Circuit SD-25918-01

218-342-501 2 Auxiliary Outgoing Trunk Circuit ES-26289-01 — Tests

218-343-501 2 Night Answering Trunk SD-27682-01 — Tests Using Master Test Frame

218-344-501	4	Transfer Trunk Circuits SD-27688-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
[illegible]	[illegible]	[illegible] — Dial Pulse or Touch-Tone Signaling Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01 — Arranged for Phase III Centrex
Add 218-346-502	1	
218-346-502	4	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Test Set SD-25676-01 — Arranged for Phase III Centrex
218-346-503	2	Station Dial Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Test Set SD-25676-01 — Arranged for Phase I and II Centrex
218-346-504	2	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01 — Arranged for Phase I and II Centrex
218-347-501	2	Dial Transfer Trunk Circuits SD-27668-01 — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I or Phase II Centrex
218-348-501	2	Transfer Register Identifier Connectors — Tests — Arranged for Phase III Centrex
218-349-501	2	Transfer Register Link Circuits — Tests
218-350-501	3	Transfer Line Identifier and Connector Circuit — SD-27690-01 — and Line Identifier Power Supply Circuit — Tests Using Master Test Frame — Arranged for Phase III Centrex
Add 218-352-501	1	
218-352-501	6	Position and Position Loop Circuit SD-27695-01 Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
218-353-501	3	Line Circuit SD-27945-01 — Tests Using the Master Test Frame Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase III Centrex — Centralized Attendant Operation
218-353-502	2	Line Circuit SD-27896-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-353-503	2	Attendant Line Circuit — SD-26378-01 — Tests Using Master Test Frame Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Centralized Attendant Operation
218-354-501	1	Attendant Outgoing Trunk Circuit — SD-26380-01 — Tests Using Master Test Frame Trunk Test Circuit — SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-355-502	3	Incoming Trunk Circuit SD-27897-01 — Test Using Master Test Frame Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-355-503	1	Attendant Incoming Trunk — SD-26379-01 — Tests Using Master Test Frame Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex Centralized Attendant Operation
218-355-504	1	Attendant Incoming Trunk — SD-26381-01 — Tests Using Master Test Frame Trunk Test Circuit — SD-25918-01 — Arranged for Phase III Centrex Centralized Attendant Operation
218-357-501	1	2-Way Intertoll Trunk Circuit SD-28126-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase III Centrex
218-357-502	1	2-Way Intertoll Trunk Circuit SD-28126-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase II Centrex
218-399-501	4	Incoming Trunk Circuits — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I Centrex
218-399-502	4	Attendant Trunk Circuit SD-26270-01 for Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase I Centrex
218-399-503	3	Attendant Trunk Circuit SD-26503-01 for Use with Modified 608A Switchboard — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I Centrex
218-399-504	4	Auxiliary Outgoing Trunk Circuit ES-26288-01 and 2-Way Tie Trunk Circuit SD-26588-01 — Tests
218-399-505	4	2-Way Intertoll Trunk Circuit SD-27654-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase I Centrex
218-399-506	4	Intraoffice Trunk Circuit — SD-26259-01 Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase I Centrex
218-399-507	3	Auxiliary Outgoing Trunk Circuit ES-26274-01 and 2-Way Tie Trunk Circuit SD-26588-01 — Tests — No. 5 Crossbar Offices Arranged for Phase I Centrex
218-399-508	1	Incoming Register Link Circuits — Wire Spring Relay Type — Tests — Arranged for Phase I Centrex
218-399-512	1	Timing Circuit ES-26510-01 — Tests — Arranged for Phase I Centrex
218-399-514	1	Miscellaneous Alarm Circuit ES-65835-01 Modified for Connection to Auxiliary Alarm Circuit — Tests — Arranged for Phase I Centrex
218-399-515	1	Attendant Loop Circuit ES-65843-01 — For Use With Modified 608A Switchboard — Tests — Arranged for Phase I Centrex
218-399-519	2	Calls Waiting Signal Circuit SD-26271-01 — Tests — Arranged For Phase I Centrex
218-399-520	1	2-Way Intertoll Trunk Circuit SD-28126-01 Tests — Using Trunk Test Circuit SD-25918-01 — Arranged For Phase I Centrex

218-4) OFFICES WITH OFFICE TEST FRAME
218-5)

218-400-501 3 Line Verification — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)

218-401-501 4 Line Verification — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-402-501 2 Customer Line and Outgoing Trunk Conductors — Voltmeter Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices

218-403-501 2 Method of Handling Permanent Signals on Permanent Signal Holding Trunks Using Office Test Frame Test Circuit SD-27633-01 (H-595-950 and J23260)

Add 218-404-500 1
218-404-500 1 Trouble Reference Guide — Part 1 — Index

218-404-501 1 No. 5 Crossbar — Trouble Reference Guide — Part 2 — BIN LISTINGS — A

218-404-502 1 No. 5 Crossbar — Trouble Reference Guide — Part 3 — BIN LISTINGS — B, C, D, E, F

218-404-503 1 No. 5 Crossbar — Trouble Reference Guide — Part 4 — BIN LISTINGS — G, H, I, J, K, L

218-404-504 1 Trouble Reference Guide — Part 5 — Office Test Frame — Bin Listing — M

218-404-505 1 No. 5 Crossbar — Trouble Reference Guide — Part 6 — BIN LISTINGS — N, O, P, Q, R

218-404-506 1 No. 5 Crossbar — Trouble Reference Guide — Part 6 — BIN LISTINGS — S, T, U, V, W, X, Y, Z

218-404-507 1 No. 5 Crossbar — Trouble Reference Guide — Part 8 — For Call Data Transmitter

218-404-510 1 Trouble Reference Guide — Part 11 — Test Methods — No. 5 Crossbar Offices

218-410-501 1 Line Link Circuits

218-410-502 2 Line Link Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)

Add 218-411-501 3
218-411-501 1 Call Waiting Feature — Tests Using Office Test Frame SD-27633-01 (J23260)

218-412-501 4 Line Link Pulsing Line Circuits SD-27617-01, SD-27618-01, SD-27619-01, SD-27620-01, and SD-27669-01 and SD-27942-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-412-502 2 Automatic Intercept System Line Circuits SD-27892-01 and SD-27893-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices Not Arranged for Line Link Outpulsing

218-412-503 2 Line Link Pulsing Circuit SD-27729-01 and SD-27730-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices

218-415-501 1 Trunk Link Circuits

218-415-502 2 Trunk Link Circuits Tests — Using Office Frame Test Circuits SD-27633-01 (J23260) — No. 5 Crossbar Offices

Add 218-420-501 1
218-420-501 1 Dial Tone Marker Circuits — Tests Using Office Test Frame

218-421-501 3 Real Time Marker Circuit — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)

Add 218-422-501 1
218-422-501 1 Completing Markers

218-423-502 2 Completing Markers — Miscellaneous Tests

218-423-000 1 Abbreviation Index — Completing Marker Tests — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-501 3 Completing Marker Tests — Part 1 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-502 1 Completing Marker Tests — Part 2 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-503 1 Completing Marker Tests — Part 3 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-504 1 Completing Marker Tests — Part 4 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-505 1 Completing Marker Tests — Part 5 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-50A 1 Completing Marker Tests — Part 6 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-507 1 Completing Marker Tests — Part 7 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-508 1 Completing Marker Tests — Part 8 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-509 1 Completing Marker Tests — Part 9 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-510 1 Completing Marker Tests — Part 10 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-511 1 Completing Marker Tests — Part 11 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-512 1 Completing Marker Tests — Part 12 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

218-423-513 1 Completing Marker Tests — Part 13 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

	218-425-513	1 Completing Marker Tests — Part 1A — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices Arranged With Call Data Transmitter
	218-431-501	3 Incoming Register Pretranslator SD-27969-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
	218-432-502	2 Register Pretranslator SD-25568-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)
Add	218-433-501	1
	218-433-501	3 Register Pretranslator SD-25568-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
	218-433-502	3 IDDD Pretranslator SD-27849-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
	218-434-501	4 Group-Busy Circuits — For Originating and Incoming Registers and for Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
	218-434-502	2 Traffic Register Circuits — Group-Busy Features for Originating and Incoming Registers and for Senders — Tests Equipped with Office Test Frame Test Circuit SD-27633-01 (J23260)
	218-435-501	3 Group-Busy Circuits — For Originating and Incoming Registers and for Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
	218-435-502	1 Traffic Register Circuits — Group-Busy Features for Originating and Incoming Registers and for
	218-436-501	5 Originating Registers — Dial Pulse or Touch-Tone Calling SD-26040-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
	218-437-501	6 Originating Registers — Dial Pulse or Touch-Tone Calling SD-26040-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Add	218-439-501	1
	218-439-501	2 Dial Pulse Incoming Registers
Add	218-440-501	1
	218-440-501	4 Dial Pulse Incoming Registers SD-26041-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
	218-443-501	2 Multifrequency Incoming Register
	218-444-501	3 Multifrequency Incoming Register SD-26042-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Add	218-450-501	2
	218-450-501	2 Outgoing Dial Pulse Senders
Add	218-451-501	1
	218-451-501	3 Outgoing Dial Pulse Sender SD-26058-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Add	218-456-501	2
	218-456-501	3 Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
Add	218-457-501	1
	218-457-501	5 Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
	218-457-502	3 Automatic Intercept System — Outgoing Sender SD-27882-01 — Tests Using Office Test Frame SD-27633-01 (J23260) — Not Arranged for Line Link Pulsing
	218-460-501	1 Outgoing Sender Connector and Outgoing Sender Link Circuits
Add	218-461-501	1
	218-461-501	2 Outgoing Sender Connector and Outgoing Sender Link Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Add	218-461-502	1
	218-461-502	1 Outgoing Sender Connector SD-27888-01 and Outgoing Sender Line Connector SD-27889-01 for Automatic Intercept System — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices not Arranged for Line Link Pulsing
	218-465-501	2 Number Group Circuits — Tests Using Office Test Frame
	218-465-502	1 Number Group Circuits — Tests Using Office Test Frame SD-27633-01 (J23260)
	218-470-501	3 Translators — Offices Arranged for TAMA or ANI
Add	218-471-501	1
	218-471-501	2 Translators — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — Arranged for TAMA or ANI
	218-472-501	5 Transverters SD-25591-01 and SD-26161-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
	218-472-503	4 Transverter SD-25591-01 — Miscellaneous Tests — Using Trouble Indicator
	218-473-501	5 Transverters SD-25591-01 and SD-26161-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
	218-474-501	4 TAMA Recorder and Recorder Connector Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)
	218-475-501	3 TAMA Recorder and Recorder Connector Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
	218-476-501	3 Call Identity Indexer Circuit SD-25621-01 — Tests Using Office Test Frame (J26230) — No. 5 Crossbar Offices
Add	218-476-502	1
	218-476-502	1 Call Identifier Indexer Circuit SD-25621-01 — Tests Using Office Test Frame SD-27633-01 (H-595-950)

218-501-501	2	Coin Supervisory and Coin Supervisory Concentrating Circuits — Tests Using Office Test Frame SD-27633-01 (H-595-950)
218-501-502	3	Coin Supervisory and Coin Supervisory Concentrating Circuits SD-25736-01 and SD-25721-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-502-501	2	Coin Supervisory Release Circuits
218-502-502	1	Coin Supervisory Release Circuit SD-25859-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-515-101	2	Office Test Frame — Description — SD-27633-01 (H-595-950)
218-516-101	1	Office Test Frame — Description — SD-27633-01 (J23260)
218-525-501	1	Emergency Line Circuits
218-526-501	1	Emergency Transfer Circuit — Dial to Manual Service
218-527-501	2	Auxiliary Line Circuit SD-26165-01 — Tests Using Office Test Frame — No. 5 Crossbar Offices
218-527-502	2	Auxiliary Line Circuit SD-26165-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-528-501	3	Outgoing Auxiliary Line Circuit SD-26164-01 for Public Emergency Reporting Service — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-528-502	2	Outgoing Auxiliary Line Circuit SD-26164-01 for Public Emergency Reporting Service — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-529-501	1	Dial Long Line Circuits — Coin
218-530-501	2	Dial Long Line Circuits — 2-Party Message Rate — Tests Using Office Test Frame Test Circuit SD-27633-01
Add 218-531-501	1	
218-531-501	1	Station Ringer Test Circuits SD-25861-01, SD-25927-01, and SD-26109-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-532-500	3	Traffic Register Lead Index — Equipped With Office Test Frame (J23260)
218-532-501	5	Traffic Registers — Part 1 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-502	3	Traffic Registers — Part 2 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-503	2	Traffic Registers — Part 3 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-504	2	Traffic Registers — Part 4 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-505	2	Traffic Registers — Part 5 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-506	2	Traffic Registers — Part 6 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-507	2	Traffic Registers — Part 7 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-508	3	Traffic Registers — Part 8 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-509	1	Traffic Registers — Part 9 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-510	1	Traffic Registers — Part 10 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-511	1	Traffic Registers — Part 11 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-512	1	Traffic Registers — Part 12 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-533-501	4	Plant Registers — Tests Using Office Test Frame — Test Circuit SD-27633-01 (H-595-950)
218-534-501	5	Plant Registers — Tests Using Office Test Frame — Test Circuit SD-27633-01 (J23260)
218-535-500	1	Traffic Register Lead Index — Equipped With Office Test Frame SD-27633-01 (H-595-950)
218-535-501	1	Traffic Registers — Part 1 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-535-502	1	Traffic Registers — Part 2 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-535-503	1	Traffic Registers — Part 3 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-535-504	1	Traffic Registers — Part 4 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-535-505	1	Traffic Registers — Part 5 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-535-506	1	Traffic Registers — Part 6 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-535-507	1	Traffic Registers — Part 7 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-535-508	1	Traffic Registers — Part 8 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-540-501	1	Range Extender Unit — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-545-301	1	Trunk Operational Test — Remote Office Test Line
218-546-501	4	Trunk Transmission Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)
218-546-506	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-547-501	3	Intraoffice Trunk Circuits Tests Using Office Test Frame
218-548-501	4	Intraoffice Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)

	218-549-501	3	Trunk Transmission Tests Circuits Terminated on Trunk Link Frame Using Office Test Frame Test Circuit SD-27633-01 (123260)
	[illegible]	[illegible]	[illegible] Line Link Frame Using Office Test Frame Test Circuit SD-27633-01 (123260)
	218-549-503	1	Manual Trunk Transmission Tests Using Remote Office Test Line and Office Test Frame
	218-551-501	2	Incoming Trunk Circuits
	218-552-501	4	Incoming Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260)
	218-553-501	1	2-Way Operator Office
	218-563-501	2	Outgoing Announcement Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 — No. 5 Crossbar Offices
	218-564-501	1	Outgoing Announcement Trunks
	218-565-501	2	Auxiliary Outgoing Trunk SD-26084-01 — Tests Using Office Test Frame SD-27633-01 (H595-950)
	218-565-502	1	Auxiliary Outgoing Trunk SD-26084-01 — Tests Using Office Test Frame SD-27633-01 (123260)
	218-566-501	1	Official PBX Trunks
Add	218-567-501	1	
	218-567-501	2	Common Overflow, Tone, Outgoing Information, Outgoing Official PBX, and Repair Service Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
	218-568-501	5	Outgoing Information, Outgoing Repair Service, Outgoing Official PBX, Common Overflow, Tone, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — No. 5 Crossbar Offices
	218-568-502	2	Outgoing Trunk Circuit for Information Service SD-28080-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — No. 5 Crossbar Offices
	218-569-501	2	Outgoing, Incoming, and 2-Way Intertoll Trunk Circuits Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) No. 5 Crossbar Offices
	218-571-501	3	Outgoing Trunk and Junctor Circuits
	218-572-501	4	Outgoing Trunk or Junctor Circuits — SD-26078-01, SD-26085-01, SD-26086-01, and SD-26087-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — No. 5 Crossbar Offices
	218-573-501	3	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
	218-574-501	5	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — No. 5 Crossbar Offices
	218-579-501	3	Reverting Coil Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260)
	218-580-501	3	Reverting Coil Trunks Tests Using Office Test Frame
	218-581-501	3	Recording Completing, Special Service, and Vacant Code Intercepting Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — No. 5 Crossbar Offices
	218-582-501	1	Recording Completing, Special Service, and Vacant Code Intercepting Trunk Circuits
	218-582-502	1	Intercept Junctor Circuit SD-27595-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — or No. 3 Local Test Cabinet
Add	218-583-501	1	
	218-583-501	2	Verification Request, Intercepting, Official PBX, Information and Repair Service Trunks and Intercept Junctors From Line Link Frame — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)
	218-583-503	2	Verification Request, Intercepting, Official PBX, Information, and Repair Service Trunks From Line Link Frame Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) or No. 3 Local Test Cabinet No. 5 Crossbar Offices
	218-584-501	2	Trunks to Local Test Desk No. 14 and Local Test Cabinet No. 3 — Tests Using Office Test Frame
	218-585-501	1	Free Trunks
	218-586-501	2	Permanent Signal Holding Trunk, Timing and Associated Auxiliary Circuits
	218-587-501	1	Trunks to Local Test Desk No. 14 and Local Test Cabinet No. 3 — Tests Using Office Test Frame Test Circuit SD-27633-01
	218-588-501	4	Free Trunks and Associated Auxiliary Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — No. 5 Crossbar Offices
	218-589-501	4	Permanent Signal Holding Trunk, Timing, and Associated Auxiliary Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (123260) — No. 5 Crossbar Offices

218-6 AUTOMATIC CALL DISTRIBUTION AND WIDEBAND

Add	218-600-501	1	
	218-600-501	3	Marker Circuit SD-27840-01 — Tests Using Master Test Frame
	218-600-502	4	Marker Circuit SD-27840-01 — Maintenance Tests
	218-600-503	2	Marker Circuit SD-27840-01 — Tests Using Automatic Call Distributor Test Circuit SD-27997-01
	218-602-501	4	Line Circuit SD-27830-01 — Tests Using Master Test Frame
	218-602-502	2	Line Circuit SD-27981-01 — Tests Using Master Test Frame — For Automatic Call Distributor
	218-602-503	4	Line Circuit SD-28040-01 — Tests Using ACD Test Circuit SD-27997-01

	218-602-504	1	Line Circuit SD-28048-01 — Tests Using Master Test Frame
Add	218-602-505	1	
	218-602-505	2	Line Circuit SD-28048-01 — Tests Using ACD Test Circuit SD-27997-01
	218-602-506	2	Line Circuit SD-28040-01 — Tests Using Master Test Frame
	218-603-501	3	Line, Line Link, and Marker — Connector Control Circuit SD-27853-01 — Tests Using Master Test Frame
	218-603-502	1	Line, Line Link, and Marker — Connector Control Circuit SD-27853-01 — Test Using ACD Test Circuit SD-27997-01
	218-604-501	2	Line Link Marker Connector SD-27854-01 and Preference Control Circuit SD-26029-01 — Tests Using Master Test Frame
	218-604-502	1	Line Link Marker Connector SD-27854-01 and Preference Control Circuit SD-26029-01 — Tests Using ACD Test Circuit SD-27997-01
	218-605-501	3	Gate Control Circuit SD-27852-01 — Tests Using Master Test Frame — No. 5 Crossbar System — Arranged for Automatic Call Distribution
	218-605-502	2	Sequential Gate Control Circuit SD-27972-01 — Tests
	218-606-501	3	Master Traffic Control Circuit SD-26020-01 — Tests
	218-607-501	5	Traffic Register Circuit SD-25892-01 — Tests Using Master Test Frame
	218-607-502	3	Traffic Register Circuit SD-25892-01 — Tests Using ACD Test Circuit SD-27997-01
	218-608-501	2	Plant Register Circuit SD-25793-01 — Tests Using Master Test Frame
	218-608-502	2	Plant Register Circuit SD-25793-01 — Tests Using ACD Test Circuit SD-27997-01
	218-609-501	2	Fuse Alarms — Test
	218-611-501	2	Master Test Frame Connector SD-27856-01 — Preference and Lockout Chains — Tests
	218-611-502	1	Test Connector Circuit SD-28033-01 — Preference and Lockout Chains — Tests
	218-612-501	4	Position Trunk Circuit SD-27829-01 — Tests Using Master Test Frame — No. 5 Crossbar System
	218-612-503	2	Position Trunk Circuit SD-28041-01 — Tests Using Master Test Frame — No. 5 Crossbar System
	218-612-504	3	Position Trunk Circuit SD-28041-01 — Tests Using ACD Tests Circuit SD-27997-01 — No. 5 Crossbar System
	218-613-501	5	Trunk Transmission Tests — Using Master Test Frame
	218-613-502	3	Test Circuit SD-27997-01 — Trunk Transmission Tests — No. 5 Crossbar Offices
	218-614-501	2	Trunk Test Circuits SD-26032-01, SD-28051-01 — Tests Using Master Test Frame
	218-614-502	1	Trunk Talk Circuit SD-28051-01 — Tests Using ACD Test Circuit SD-27997-01
	218-615-501	1	Position Trunk Gate and Control Circuit SD-27875-01 — Tests Using Master Test Frame
	218-615-502	1	Position Trunk Gate and Control Circuit SD-27875-01 — Tests Using ACD Test Circuit SD-27997-01
	218-616-501	1	Level Detector Circuit SD-28031-01 — Tests
	218-617-501	1	Outgoing Trunk Circuit SD-28045-01 — Tests Using Master Test Frame
	218-617-502	1	Outgoing Trunk Circuit SD-28045-01 — Tests Using ACD Test Circuit SD-27997-01
	218-618-501	1	Digit Register Marker Connector and Control Circuit Tests
	218-619-501	1	Digit Register Circuit SD-28009-01 — Tests Using Master Test Frame
	218-619-502	2	Digit Register Circuit SD-28009-01 — Tests Using ACD Test Circuit SD-27997-01 — For Automatic Call Distribution
	218-620-501	1	Junctor Circuit SD-28044-01 — Test Using Master Test Frame
	218-620-502	2	Junctor Circuit SD-28044-01 — Tests Using ACD Tests Circuit SD-27997-01 — No. 5 Crossbar System for Automatic Call Distribution
	218-621-501	1	Outgoing Trunk Circuit SD-28043-01 — Tests Using Master Test Frame
	218-621-502	1	Outgoing Trunk Circuit SD-28043-01 — Tests Using ACD Test Circuit SD-27997-01
	218-622-501	1	Service Assistant Position Trunk SD-28042-01 — Tests Using Master Test Frame — No. 5 Crossbar System For Automatic Call Distribution
	218-622-502	2	Service Assistant Position Trunk SD-28042-01 — Tests Using ACD Test Circuit SD-27997-01
	218-623-501	1	Announcement Control Circuit SD-28046-01 — Tests Using Master Test Frame — No. 5 Crossbar System For Automatic Call Distribution
	218-623-502	2	Announcement Control Circuit SD-28046-01 — Tests Using ACD Test Circuit SD-27997-01
	218-652-501	2	Wideband Junction Switch Group Marker Lockout Circuit — Tests
	218-654-501	1	Video Supervisory Signal Supply Circuit SD-27909-01 Associated with Wideband Link Circuit SD-27901-01 — Tests
	218-661-501	1	Wideband Intercepting Trunk Circuit SD-26121-01 From Line Link Frame and/or Trunk Line Frame — Test Using Master Test Frame
Add	218-663-501	1	
	218-663-501	1	Intraoffice Trunk Circuit (Audio) SD-27915-01 and Wideband Intraoffice Trunk Circuit (Video) SD-27923-01 Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband

218-667-501 1 Line Link Pulsing 2-Way Line Circuit SD-27913-01 — Test Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband

218-675-501 1 Recording Completing, Inward Operator, or TX Trunk Circuit and Associated Audio Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband

218-677-501 1 Station Video Test Circuit — Tests Using Trunk Test Circuit SD-25918-01

218-681-501 1 Continuity Test Circuit SD-1C292-01 Test Using Master Test Control Circuit SD-25800-01 — Arranged for Wideband

218-7) SECTIONS NOT REQUIRING USE OF MASTER TEST FRAME OR OFFICE TEST FRAME

218-8)

218-700-301 2 Molded Covers For ED-26560-01 — Mounting and Removing

Add 218-701-301 1
218-701-301 5 Methods of Denying and Restoring Service on Customer Lines

218-702-301 4 Method of Handling Complaints and Requests involving AMA Charge Irregularities

Add 218-702-302 1
218-702-302 3 Central Office Automatic Message Accounting Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center

218-702-303 2 Method of Handling Complaints and Requests Involving Charge Irregularities on Crossbar Tandem CAMA Calls

218-708-501 1 Plugging-Up Line Circuits SD-25741-01 — Tests

218-709-301 1 Emergency Line Circuit — Taking Equipment Out of Service

218-710-301 5 Line Load Control — Application

218-710-501 5 Line Load Control Equipment — Tests

218-712-501 9 Line Link and Transfer Line Link Marker Connectors — Wire Spring-Relay Type — Tests — No. 5 Crossbar Offices

218-713-501 1 2-Port Bridge Lifter Circuit SD-99490-01 — Test

218-718-501 9 Dial Tone Markers — Miscellaneous Tests

218-719-501 10 Master Traffic Control Circuit SD-26020-01 Associated With Line, Line Link, or Transfer Line Link Marker Connectors — Tests

218-719-502 2 Master Traffic Control Circuit SD-26020-01 — Associated With Originating, Incoming, and Transfer Register Marker Connectors — Tests — No. 5 Crossbar Offices

218-719-503 2 Master Traffic Control Circuit SD-26020-01 — Associated With Transverter Connectors — Tests

Add 218-721-501 1
218-721-501 7 Preamplifier Connectors SD-25569-01 — Tests — No. 5 Crossbar Offices

218-721-502 1 Preamplifier Connectors SD-27968-01 — Tests

218-724-501 2 Foreign Area Translator — Tests

218-724-XXX ? [illegible] Cross Connections

218-725-501 3 Foreign Area Translator Connectors — Tests

Add 218-726-301 1
218-726-301 5 Translator SD-26019-01 and SD-25784-01 — Cross-Connections

218-727-501 4 AMA or ANI Translator Line Verification — Tests Using AMA Translator Line Verification Test Circuit SD-27632-01 (J24759)

218-729-301 1 Ringing Selection Switch Circuit — Taking Equipment Out of Service

Add 218-730-501 1
218-730-501 11 Originating, Incoming, and Transfer Register Marker Connectors — Wire Spring Relay Type — Tests

218-732-501 3 Incoming Register Link Circuit SD-26048-01 — Wire Spring Relay Type — Tests

218-733-501 1 Outgoing Sender Link Circuit — Taking Equipment Out of Service

218-734-301 2 Procedure for Changing AMA Tapes — Arranged for Magnetic Tape Recording

Add 218-734-501 1
218-734-501 2 Recorder and Recorder Control Circuit SD-94805-01 — Tests — Arranged for AMA Magnetic Tape Recording

218-734-502 4 Transfer and Make-Busy Circuit SD-94806-01 — Tests — Arranged for AMA Magnetic Tape Recording

218-735-301 4 Recorder and Recorder Connector — Alarm Routine — Arranged for AMA

218-735-302 5 Recorder and Recorder Connector Circuits — Taking Equipment Out of Service — Offices Arranged for AMA

218-736-301 1 Transverter — Alarm Routine — Offices Arranged for AMA

215-736-302 1 Transverters — Taking Equipment Out of Service — Offices Arranged for AMA

218-737-501 5 Automatic Number Identification (ANI) Transverter Connectors SD-26161-01 — Tests — No. 5 Crossbar Offices

218-738-501 2 ANI Transverter Connectors — Tests

218-739-301 1 Transverter Connector — Alarm Routine — Offices Arranged for AMA

218-739-302 2 Transverter Connectors — Taking Equipment Out of Service — Offices Arranged for AMA

218-739-501 9 AMA Transverter Connectors — Tests — No. 5 Crossbar Offices

218-740-501 4 Call Count Progress Control — Storage and Register Circuit — Tests

218-741-501 2 Coin Supervisory Link Circuits — Wire-Spring-Relay Type — Tests

218-742-301 1 Coin Supervisory Release Circuit — Alarm Routine

218-742-302 2 Coin Supervisory Release Circuit — Taking Equipment Out of Service

218-742-303 3 Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit — Alarm Routine

218-742-304 2 Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit — Taking Equipment Out of Service

▲ ◆ 218-743-000 1 Remote Office Test Line

218-743-101 1 Remote Office Test Line Arrangement — Descriptive Information

218-743-102 3 Expanded Remote Office Test Line (ROTL) — Operation With Centralized Automatic Reporting on Trunks (CAROT) — General Description — No. 5 Crossbar Offices

218-743-103 2 Mini Remote Office Test Line (Mini-ROTL) — Description

218-743-104 2 Pollable Data Terminal No. 2A (PDT-2A) — Operation With Expanded Remote Office Test Line (ROTL) — Description — No. 5 Crossbar Office

218-743-105 1 Enhanced Operational Trunk Testing/Remote Trunk Make-Busy (EOTT/RTMB) Unit — Description

218-743-301 1 Remote Office Test Frame — Operational Procedures

218-743-303 1 Expanded Remote Office Test Line — System Evaluation Procedures

218-743-304 1 Expanded Remote Office Test Line — Equipped With Pollable Data Terminal No. 2A — Acceptance Tests — No. 5 Crossbar Offices

218-743-310 2 Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A — Input/Output, Diagnostic, and Error Messages — Description

218-743-311 2 Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A — Diagnostic Test Procedures — No. 5 Crossbar Offices

218-743-312 2 Expanded Remote Office Test Line (ROTL) — Equipped With the Pollable Data Terminal No. 2A (PDT-2A) — Initialization and Recovery Procedures

218-743-501 1 Remote Office Test Frame — Tests

218-743-503 3 Mini-Remote Office Test Line (Mini-ROTL) Acceptance Tests and Trouble-Clearing Procedures — No. 5 Crossbar Offices

218-743-504 1 Enhanced Operational Trunk Test/Remote Trunk Make-Busy (EOTT/RTMB) Unit — (Associated With Mini-Remote Office Test Line) — Acceptance Tests

218-743-505 1 Enhanced Operational Trunk Testing/Remote Trunk Make Busy — Status and Control Unit — Operation — No. 5 Crossbar Offices

218-743-510 2 Expanded Remote Office Test Line — Using the 92A Control Unit — Trunk Operational Tests — No. 5 Crossbar Offices

218-743-511 1 Expanded Remote Office Test Line — Transmission Tests — Using 92A Control Unit — No. 5 Crossbar Offices

218-743-512 1 Expanded Remote Office Test Line — Equipped With Pollable Data Terminal No. 2A — Printing and Error Information Using 92A Control Unit

218-743-513 2 Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A (PDT-2A) — Distributor and Scanner Lead Verification Procedures

218-743-514 2 Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A (PDT-2A) — Miscellaneous Test Procedures

218-743-701 2 Remote Office Test Control Circuit SD-27727-01 — Build-Out Resistor Assembly Adjustment — No. 5 Crossbar System

218-743-703 2 Adjustment of Line Build-Out Network — Mini Remote Office Test Line (Mini-ROTL) — No. 5 Crossbar Offices

218-744-501 2 Incoming Trunk for Message Register Test — Voltage Adjustment Test

218-745-501 3 Continuity and Polarity Test of Outgoing Trunks at Outgoing Trunk Test Frame Using Test Circuit SD-96370-01

218-746-501 4 Line Message Registers — Tests Using Incoming Trunk for Message Register Test

218-748-501 3 Message Register Power Supply and Associated No Voltage Alarm and Cross Detecting Alarm Circuit Tests

218-749-501 3 Immediate Ring Control Circuit SD-27820-01 — Miscellaneous Tests

218-752-501 7 Fuse Alarms — Tests — No. 5 Crossbar Offices

218-753-501 2 Voice Alarm and Control Circuit SD-27980-01 For Announcement System 7A Tests — No. 5 Crossbar

218-754-501 2 60- or 120 IPM Interrupter Circuit SD-25814-01 — Tests — Ringing Machine Operated

218-756-301 4 Alarm Sending Circuits — Taking Equipment Out of Service

218-756-501 6 Alarm Sending Circuit SD-95417-01 — Tests

Add 218-756-502 1
218-756-502 2 Alarm Sending Circuit SD-27594-01 — For Use With Operator Office Trunks and Alarm Checking Facilities — Tests

218-758-501 4 Permanent Signal Alarm Circuit — Tests

218-759-301 2 Alarm Surveillance and Control System — Interconnection Circuit Tests — No. 5 Crossbar Offices

	218-759-502	1	Alarm Surveillance and Control System — Overall Tests of Alarm Status and Command Functions — No. 5 Crossbar Offices
	[illegible]	[illegible]	[illegible] Coin Control and Ringing Signal Detection — Adjusting Procedure Using the No. 72A Frequency Meter SD-59373-01 (J64072A)
Add	218-762-501	1	
	218-762-501	5	Directional Reservation Circuit SD-26154-01 — Tests — No. 5 Crossbar Offices
	218-763-501	2	Dynamic Overload Control Circuit ES-27742-01 — Tests
	218-763-502	3	Dynamic Overload Control Circuit SD-27866-01
	218-763-503	4	Dynamic Overload Control Circuit SD-27970-01 — Tests
Add	218-764-501	2	
	218-764-501	5	Preference Control and Make Busy Circuits — Wire-Spring Relay Type — Tests
	218-765-301	1	No-Such-Number Tone Signal Circuits — Arrangement Routines
	218-765-302	1	No-Such-Number Tone Signal Circuit SD-25831-01 — Taking Equipment Out of Service
	218-765-501	1	No-Such-Number Tone Signal Circuit SD-25831-01 — Tests
	218-766-301	1	No-Such-Number Tone Signal Circuit SD-25791-01 — Taking Equipment Out of Service
	218-766-501	3	No-Such-Number Tone Signal Circuit SD-25791-01 — Tests
Add	218-768-501	1	
	218-768-501	1	Range Extender Tests Using Automatic Range Extender Test Circuit SD-27831-01
	218-770-501	4	Line Insulation Test Frame — Maintenance and Calibration Tests — No. 5 Crossbar Offices
Add	218-772-301	1	
	218-772-301	6	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With Six Second Timing — No. 5 Crossbar Offices
	218-772-302	4	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
	218-772-303	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
Add	218-772-304	1	
	218-772-304	1	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With One Second Timing
	218-772-501	9	Master Timing Circuit SD-25633-01 — Six Second Timing Features — Tests
Add	218-772-502	1	
	218-772-502	2	Master Timing Circuit SD-25633-01 — One Second Timing Features — Tests
	218-773-301	2	Master Timing Circuit SD-94811-01 — Resetting Time, Daylight Saving Time, and Leap Year Changes — No. 5 Crossbar Offices Arranged for Magnetic Tape Recording
	218-773-501	4	Master Timing Circuit SD-94811-01 — Tests — No. 5 Crossbar Offices Arranged for AMA Magnetic Tape Recording
	218-774-301	1	Line Link Pulsing — PBX — Power Failure Make Busy
	218-779-000	1	Alphabetical Index — Arranged With Call Data Transmitter
	218-779-101	1	Diagnostic Test Panel — Functional Description and Use — No. 5 Crossbar Offices Arranged With Call Data Transmitter
	218-779-102	2	Cutover Procedures — No. 5 Crossbar Offices Arranged with Call Data Transmitter
Add	218-779-103	3	
	218-779-103	1	Call Data Transmitter — Acceptance Test Procedures — No. 5 Crossbar Offices
	218-779-104	2	System Initialization and Recovery Procedures — Arranged With Call Data Transmitter
	218-779-105	2	Input-Output Messages — Using Diagnostic Test Panel — No. 5 Crossbar Offices Arranged With Call Data Transmitter
Add	218-779-106	1	
	218-779-106	2	Trouble Record Error Codes — No. 5 Crossbar Offices — Arranged for Call Data Transmitter
	218-779-107	1	Call Data Transmitter — Analysis of Error Code 18 — No. 5 Crossbar Offices
	218-779-108	1	Call Data Transmitter Operations Under Errors Conditions — No. 5 Crossbar Offices
Add	218-779-301	2	
	218-779-301	1	Diagnostic and Status Request Procedures Using Diagnostic Test Panel — No. 5 Crossbar Offices Arranged for Call Data Transmitter
	218-779-303	2	Trunk Audits — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
Add	218-779-304	1	
	218-779-304	1	Plant and Traffic Register Lead Verification — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
Add	218-779-305	2	
	218-779-305	2	Trouble Record Diagnostics Procedures — No. 5 Crossbar Offices Arranged for Call Data Transmitter
Add	218-779-306	1	
	218-779-306	2	System Cross-Connect Scan and Database Verification Procedures — No. 5 Crossbar Offices — Arranged for Call Data Transmitter
Add	218-779-307	1	
	218-779-307	1	On-Line Wired Data Base Audit — No. 5 Crossbar Offices Arranged With Call Data Transmitter
	218-779-501	1	Completing Marker Interface Circuit — Test Using Master Test Frame — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
	218-779-502	3	Translator Access Circuit — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged With Call Data Test Transmitter

218-779-511 1 Completing Marker Interface Circuit — Test Using Office Test Frame — No. 5 Crossbar Offices Arranged With Call Data Translator

218-779-513 2 Translator Access Circuit Tests — Using Office Test Frame Test Circuit SD-27533-01 (J23288) — Arranged With Call Data Transmitter

218-779-701 3 Call Data Transmitter — Taking Equipment Out of Service — Procedures — No. 5 Crossbar Offices

218-779-702 1 Handling Call Data Translator (CDT) — Alarms — No. 5 Crossbar Offices

218-780-301 1 Outgoing Announcement Trunks — Taking Equipment Out of Service

218-781-301 3 Information Repair Service Common Overflow Tone and Associated Auxiliary Trunks — Taking Equipment Out of Service

218-782-301 2 Recording Completing, Special Service, Vacant Code Intercepting and Associated Auxiliary Trunk Circuits — Taking Equipment Out of Service

218-783-301 1 Two Way Trunks — To Community Dial Offices — Taking Equipment Out of Service

218-784-301 1 Free Trunks — Taking Equipment Out of Service

218-785-301 2 Verification Request, Intercepting and Information Service Trunks from Line Link Frame — Taking Equipment Out of Service

218-786-301 2 Incoming Trunk Circuits — Taking Equipment Out of Service

218-787-301 2 Outgoing Trunks — Taking Equipment Out of Service

218-788-301 1 Incoming Intertoll Trunks — Taking Equipment Out of Service

218-789-301 1 Outgoing Intertoll Trunks — Taking Equipment Out of Service

218-790-301 2 Intraoffice Trunk Circuits — Taking Equipment Out of Service

218-791-301 1 No-Such-Number Signal Tone Trunk — Taking Equipment Out of Service

218-792-301 1 Miscellaneous Incoming Trunks from Local Test Desk Toll or DSA Switchboard — Taking Equipment Out of Service

218-793-301 1 Toll Switching and Operator Completing Trunk Circuits — Taking Equipment Out of Service

218-794-301 2 Stuck Coin Trunk — Taking Equipment Out of Service

218-795-301 1 Outgoing Toll Switching Trunks — Taking Equipment Out of Service

218-796-301 1 Pulse Conversion Toll Switching Trunk Circuits — Taking Equipment Out of Service

218-797-301 2 Reverting Call Trunks — Taking Equipment Out of Service

Add 218-798-000 1
218-798-000 1 Alphabetical Index — Arranged for LAMA-C

Add 218-798-101 1
218-798-101 2 Final Message Number Translations — Arranged for LAMA-C

218-798-102 1 Trunk Register, Call Record and Inter Formats Arranged for LAMA-C

218-798-103 1 LAMA-C Acceptance Test — Procedures

218-798-301 2 Processors Testing and Start-Up Procedures — Arranged for LAMA-C

Add 218-798-302 1
218-798-302 1 Miscellaneous Operational Procedures — Arranged for LAMA-C

Add 218-798-303 1
218-798-303 1 Input Message Formats and Procedures — Arranged for LAMA-C

Add 218-798-304 1
218-798-304 1 Acknowledgement and Output Messages — Formats and Procedures — Arranged for LAMA-C

Add 218-798-305 3
218-798-305 2 Recent Changes and Recent Change Texts — Formats and Procedures — Arranged for LAMA-C

218-798-306 1 Diagnostic Task Programs and Procedures Arranged for LAMA-C

218-798-307 1 Service Task Programs and Procedures — Arranged for LAMA-C

218-798-308 1 Taking LAMA-C Equipment Out of Service — Procedures — Arranged for LAMA-C

218-798-309 1 Generating, Storing, and Handling Back-Up Program Cassette Tapes — Arranged for LAMA-C

218-798-310 1 Call Process Counts — Arranged for LAMA-C

218-798-311 1 LAMA-C Cutover Procedures

218-798-501 1 PBX-AIOD Tests — Arranged for LAMA-C

Add 218-798-502 1
218-798-502 1 Program Controlled Transverter SD-28085-01 — Tests Using the Master Test Frame — Arranged for LAMA-C

Add 218-798-503 1
218-798-503 1 Combined Program Controlled Transverter and Multifrequency Outgoing Sender — Tests Using Automatic Monitor, Register, and Sender Test Circuit — SD-25680-01 (ANI) — Arranged for LAMA-C

Add 218-798-504 1
218-798-504 1 Combined Program Controlled Transverter and Multifrequency Outgoing Sender — Tests Using Sender Test Set SD-25674-01 (J24756A) (ANI) — Arranged for LAMA-C

Add 218-799-000 1
218-799-000 2 Alphabetical Index — Arranged With Electronic Translation System

Add 218-799-102 1
218-799-102 1 Data Dump Formats — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-103 1 Trunk Register — Trunk Screen, Peri, and Signal Conversion Table — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-104 1 Cutover Procedures — Arranged With Electronic Translation System (ETS)

218-799-105 1 Electronic Translation System — Acceptance Test Procedures — No. 5 Crossbar Offices

218-799-106 2 Electronic Translation System (ETS) — Acceptance Test Procedures for Telecommunications Alarm Surveillance and Control (TASC) System — No. 5 Crossbar Offices

218-799-107 2 Office Growth — Procedures and Acceptance Tests — Arranged With Electronic Translation System

218-799-108 1 New Generic Acceptance Test Procedures — No. 5 Crossbar Offices Arranged With Electronic Translation System

★ 218-799-200 1 Alphabetical and Numerical Index — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System

★ 218-799-211 1 Data Dumps — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

★ 218-799-212 1 Primary Scan and Distribute — Software Subsystem Description — Electronic Translation System — No. 5 Crossbar Offices

★ 218-799-214 1 Tape Handling — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System

★ 218-799-215 1 Error Handling — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-217 1 Terminal Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

★ 218-799-220 1 Call Processing Software — Software Subsystem Description — No. 5 Crossbar Offices — Arranged for Electronic Translation System

Add 218-799-221 1
★ 218-799-221 1 Prerecord Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-222 1 Type of Line Translator (TOLI — Software Subsystem Description — No. 5 Crossbar Offices Arranged With ETS

Add 218-799-224 2
★ 218-799-224 1 Routing and Screening — Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-225 1 Trunk Supervision — Software Subsystem Description — Electronic Translation System (ETS) — No. 5 Crossbar Offices

★ 218-799-227 1 Trunk Selection — Busy and Overflow Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

Add 218-799-228 1
★ 218-799-228 1 Terminal Call — Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-229 1 Directory Number Translation — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-230 1 CAMA Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

Add 218-799-231 1
★ 218-799-231 1 AT&T Call Processing — Software Subsystem Description — No. 5 Crossbar Offices — Arranged for Electronic Translation System

Add 218-799-232 2
★ 218-799-232 1 Automatic Identified Outward Dialing — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System

★ 218-799-233 1 Network Management — Software Subscription — No. 5 Crossbar Offices Arranged with Electronic Translation System

★ 218-799-234 1 Remote Message Register Processing — Software Subsystem Description — Electronic Translation System — No. 5 Crossbar Offices

★ 218-799-235 1 Automatic Trouble Analysis — Software Subsystem Description — No. 5 Crossbar Office — Arranged With Electronic Translation System

★ 218-799-241 1 General Purpose Routines — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-242 1 Traffic and Plant Measurements — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

Add 218-799-243 1
★ 218-799-243 1 Recent Change Software Structure — General Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-244 1 Recent Change Software Structures — Part 1 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-245 1 Recent Change Software Structures — Part 2 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-246 1 Recent Change Software Structures — Part 3 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-247 1 Recent Change Software Structures — Part 4 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-248 1 Recent Change Software Structure — Part 5 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-249 1 Recent Change Software Structure — Part 6 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-251 1 Miscellaneous Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-252 1 Reallocation and Patches — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-253 1 Call Processing of AMARC Data — Software Subsystem Description — Arranged With Electronic Translation System

Add 218-799-255 1
★ 218-799-255 1 Stand Alone Audits — Part 1 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

★ 218-799-256 2 Stand Alone Audits — Part 2 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

Add 218-799-257 1
★ 218-799-257 1 Stand Alone Audit — Part 3 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

Add 218-799-258 1
★ 218-799-258 1 Stand Alone Audits — Part 4 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

★ 218-799-270 1 Distributor and Scanner Control Circuits and Address Diagnostic Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-271 1 Directed Row Selection — Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

Add 218-799-272 1
★ 218-799-272 1 Directed Scan Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-273 1 Directed Distribute Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-274 1 Marker Distribute Point Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-275 1 Diagnostic System Subroutines — Software Subsystem Description — Arranged for Electronic Translation System

218-799-302 3 Miscellaneous Operational Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-303 3 Tape Cartridges and Tape Data Facilities — General — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-305 2 Processor Complex Diagnostic Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-306 1 Local Data Courts — Arranged With Electronic Translation System

Add 218-799-309 1
218-799-309 2 Data Base Simple Reallocation Procedure — Offices Arranged With Electronic Translation System

218-799-310 1 System Initialization Procedures (Generic 2 and Subsequent Generic Issues) — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-311 1 Remain Message Register Tests — Arranged With Electronic Switching System

Add 218-799-312 1
218-799-312 1 PBX-A100 Tests — Arranged With Electronic Switching System

218-799-314 1 Automatic Trouble Analysis (ATA) — Miscellaneous Central Office Procedures — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-315 1 Distributor and Scanner Diagnostics — Offices With Electronic Translation System

218-799-316 3 Data Base Audit Procedures — Arranged With Electronic Translation System

Add 218-799-317 1
218-799-317 6 Tape Cartridges — Miscellaneous Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System

Add 218-799-318 1
218-799-318 4 Tape Cartridges — Updating and Backup Storage Plan Procedures — No. 5 Crossbar Offices — Arranged for Electronic Translation System

218-799-319 2 Plant and Traffic Registrations — Load Verification — Offices Arranged With Electronic Translation System

218-799-320 1 Line Sleeve Test Procedures — Arranged With Electronic Translation System

218-799-321 2 Completing Marker Distribute Point Diagnostics — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-322 3 Generic Overwrite Procedures — Offices Arranged With Electronic Translation System

Add 218-799-323 1
218-799-323 1 System Initialization Procedures — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-324 1 System Recovery Guidelines — No. 5 Crossbar Offices Arranged With Electronic Translating System

Add 218-799-325 1
218-799-325 1 Overwrite Carrier Tape Procedures — Arranged With Electronic Translation System

218-799-326 2 Data Base Audit Procedures — Part 1 — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-327 1 Data Base Audit Procedures — Part 2 — Arranged With Electronic Translation System

	218-799-328	1	Data Base Audit Procedures — Part 3 — Arranged With Electronic Translation System
	218-799-329	1	Data Base Audit Procedures — Part 4 — Arranged With Electronic Translation System
Add	218-799-330	2	
	218-799-330	2	Recent Change Procedures — General — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Add	218-799-331	3	
	218-799-331	2	Recent Change Procedures — Lines, Trunks on the Line Link Frame, and Telephone Numbers — No. 5 Crossbar Offices Arranged With Electronic Translation Systems
Add	218-799-332	1	
	218-799-332	1	Recent Change Procedures — Initializing NBRXLT Links, Entry Code Switching, and Link Tests — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-333	1	Recent Change Procedures — Trunks on the Trunk Link Frame — Arranged with Electronic Translation System
	218-799-334	1	Recent Change Procedures — Trunk Group Control — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-335	3	Recent Change, Verification, and Table Printout — Procedures for Individual Data Base Tables — General — No. 5 Crossbar Offices Arranged With Electronic Translation System
Add	218-799-337	1	
	218-799-337	2	Recent Change Procedures — Input/Output Terminals — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Add	218-799-338	1	
	218-799-338	1	Recent Change Procedures — Measurement Registrations — Arranged With Electronic Translation Systems
	218-799-339	1	Recent Change Procedures — Multiple and Mass Data Base Changes — No. 5 Crossbar Offices Arranged With Electronic Translation System
Add	218-799-340	1	
	218-799-340	2	Office Records — Printout Procedures — Offices Arranged With Electronic Translation System
	218-799-341	2	Office Records — Update Printout Procedures — Arranged with Electronic Translation System
	218-799-345	1	Trunk Group Controls (TGC) — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-346	1	Route Switch (RTSW) — Arranged With Electronic Translation System
	218-799-347	1	Simulated Facilities (SIMFAC) — Arranged With Electronic Translation System
	218-799-348	1	Traffic Sample Control — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-350	1	Recent Change Verification and Table Printout Procedures for Individual Data Base Tables — Part 1 — Arranged With Translation System
Add	218-799-351	1	
	218-799-351	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 2 — No. 5 Crossbar Offices Arranged with Electronic Translation System
Add	218-799-352	2	
	218-799-352	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 3 — No. 5 Crossbar Offices Arranged With Electronic Translation System
Add	218-799-353	2	
	218-799-353	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 4 — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Add	218-799-354	1	
	218-799-354	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 5 — No. 5 Crossbar Offices Arranged With Electronic Translation System
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	218-799-355	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 6 — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-356	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 7 — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-500	1	Automatic Number Identification — Program Controlled Transverter SD-28085-01 — Tests Using Master Test Frame — Arranged With Electronic Translation System
	218-799-503	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender ANI Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — Offices Arranged With Electronic Translation System
	218-799-504	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender ANI Tests Using Sender Test Set SD-25674-01 (J2475AA) — Offices Arranged With Electronic Translation System
	218-799-505	1	Centralized Automatic Message Accounting Program Controlled Transverter SD-28083-01 — Tests Using Master Test Frame — Offices Arranged With Electronic Translation System
	218-799-508	1	Power and Data Interface Circuit — SD-28114-01 — Tests — No. 5 Crossbar Offices Arranged for Electronic Translation System
	218-799-509	1	Maintenance Control and Display Panels — Tests — Offices Arranged With Electronic Translation System
	218-799-701	2	Taking Electronic Translation System Equipment Out of Service
	218-799-702	1	Handling — Electronic Translation System (ETS) Alarms

218-9 4-WIRE CIRCUITS, NO. 3, AND NO. 5A CROSSBAR

4-Wire

218-901-501	3	4-Wire Auxiliary Line Circuits SD-27516-01 and SD-27517-01 — Tests Using 19A Testboard
218-902-501	4	4-Wire Auxiliary Line Circuit SD-27738-01 — Tests Using Trunk Test Circuit SD-25918-01
218-902-502	1	4-Wire Auxiliary Line Circuit SD-27803-01 — Tests Using Trunk Test Circuit SD-25918-01
218-903-501	1	Operator Originating Line Circuit — Test Using No. 19A Toll Testboard or No. 5D Toll Switchboard
218-905-501	1	Line Link Circuits — Tests Using Master Test Frame
218-909-501	2	Trunk Link Circuits — Tests Using Master Test Frame
218-920-501	4	4-Wire Originating Register SD-26044-01 — Tests Using Test Set SD-25676-01 (J24756)
218-920-502	1	Originating Register Circuit ES-27656-01 — Tests Using the Master Test Frame
Add 218-920-503	1	
218-920-503	1	4-Wire Originating Register SD-26044-01 — Tests Using Automatic Monitor, Register and Sender Test Circuit
218-924-501	3	4-Wire Multifrequency Outgoing Senders — Tests Using Sender Test Set, SD-25674-01 (J24756A)
218-924-502	2	4-Wire Multifrequency Outgoing Senders SD-26054-01 — Tests Using the Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
218-925-501	4	4-Wire Dial Pulse Outgoing Senders — Tests Using Sender Test Set SD-25674-01 (J24756A)
218-925-502	2	4-Wire Dial Pulse Outgoing Senders SD-27614-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
Add 218-926-501	1	
218-926-501	3	4-Wire Multifrequency Incoming Register SD-26045-01 — Tests Using Test Set SD-25676-01 (J24756B or J24756C)
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218-926-502	1	4-Wire Multifrequency Incoming Registers SD-26045-01 — Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01
218-932-501	2	4-Wire Station Ringer Test Circuit SD-27508-01 — Tests Using Trunk Test Circuit SD-25918-01
218-940-501	1	Toll Switching Trunk Circuits — Tests Using No. 5D Switchboard in Same Building
218-940-505	1	4-Wire Operator Tandem Trunk SD-27732-01 — Tests Using Trunk Test Circuit SD-25918-01
218-941-501	3	4-Wire Intercepting Trunk Circuit SD-27512-01 From Line Link Frame — Tests Using Master Test Frame
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218-942-501	2	Permanent Signal Holding Trunk and Timing Circuits — Tests Using Trunk Test Circuit SD-25918-01
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218-944-501	5	4-Wire Tone, Announcement, and Permanent Signal Overflow Trunk Circuits SD-27504-01 — Tests Using Trunk Test Circuit SD-25918-01
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218-946-501	6	4-Wire 2-Way Intercall Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-946-503	2	4-Wire Outgoing Intertoll Trunk SD-27842-01 Tests Using Trunk Test Circuit SD-25918-01
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218-947-501	5	4-Wire, 2-Way Trunks to a PBX SD-27535-01 — Tests Using Trunk Test Circuit SD-25918-01
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218-964-501	1	Trunk Link Circuits SD-26032-05 — Tests — Using Test Circuit SD-26319-05
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Add	226-521-506	1	
	226-521-506	2	Coin Trunk Circuit SD-32539-01 — Arranged for Coin First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
	226-521-507	2	Coin Trunk Circuit SD-32539-01 — Arranged for Coin First Service — Operating Tests — Using Test Set SD-31858-01 (J34701A)
	226-521-508	2	Coin Trunk Circuit SD-32539-01 — Arranged for Dial-Tone-First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
	226-521-509	2	Coin Trunk Circuit SD-32539-01 — Arranged for Dial Tone First Service — Operation Tests — Using Test Set SD-31858-01 (J34701A)
	[illegible]		
	226-522-500	1	Local Coin Overtime (LCOT) Charging Circuit SD-35046-01 — Description, Operation, and Trouble Locating — Step by Step Systems
	226-524-500	2	Loop Dialing Recording-Completing Trunks From Coin Box Trunk Groups — Operation Tests Using Trunk Test Set SD-30387-01 (J34713)
	226-524-501	1	Repeated Dialing Recording-Completing Trunks From Coin Box Trunk Groups — Operation Tests Using Toll Trunk and Coin Box Trunk Test Set ES-241636
	226-524-502	8	Recording-Completing Trunks — Coin and Noncoin — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) Step-By-Step Systems
	226-524-503	5	Recording-Completing Trunks — Operation Test Using Test Set SD-31858-01 (J34701A)
	226-524-504	2	Outgoing Trunk Circuit SD-35069-01 — 01-0-ONI Operation — TSPS/RTA — Operation Tests — Using Trunk Test Set SD-31858-01 (J34701A) or SD-90469-01 or SD-90469-02 (J94710A)
	226-526-500	1	Operators Recording-Completing Trunks — Operation Tests — "A" Switchboards
	226-527-500	6	Trunks From Local Selector Levels — Continuity Tests Using Dial Head Test Set
	226-527-501	2	Trunks From Local Selector Levels — Continuity Test Using Trunk Test Set ES-30096-01
	226-528-500	1	Trunks From Selector Levels to Information Desks — Operation Tests Using Trunk Test Set ES-30096-01
	226-529-500	1	Trunks From Selector Levels to Special Service Positions — Operation Tests Using Trunk Test Set ES-30096-01
	226-531-500	1	Trunks From Selector Levels to Recording Positions — Operation Tests Using Trunk Test Set ES-30096-01
	226-532-500	1	Trunks From Vacant Local Selector Levels to Intercepting Positions — Operation Test Using Trunk Test Set ES-30096-01
	226-533-500	3	Trunks From Local Selector Levels to Banks and Switchboard Positions — Operation Tests Using Dial Head Test Set
	226-534-500	3	911 Emergency Service Trunk — Operation Tests — Using Trunk Test Set SD-90469-01, SD-90469-02 (J94710A), or SD-31858-01 (J34701A)
	226-535-500	1	Trunks From Selector Levels to No. 12 Local Test Desks — Operation Test Using Trunk Test Set ES-30096-01
	226-536-500	1	Trunks From Selector Levels to I.C. Repair Clerks' Desks — Operation Test Using Trunk Test Set ES-30096-01

226-539-500 1 Trunk From Levels of Repeated Dialing — Toll Transmission Selectors — Continuity Test Using Test Set SD-90469-01 (J94710A)

226-540-501 1 Trunks From Levels of Repeated Dialing — A-B Toll Transmission Selectors — Continuity Tests Using Test Set SD-90469-01 (J94710A)

226-541-500 1 Trunk From Levels of Local Dialing — Toll and A-B Toll Transmission Selectors — Continuity Tests Using Test Set SD-90469-01 (J94710A)

226-542-500 2 Trunks From Levels of Local and Repeated Dialing — Toll Intermediate Selectors — Continuity and Polarity Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-543-500 3 Interswitch Trunks From Levels of Local Dialing Toll Transmission and Toll Intermediate Selectors — Test of C and T Leads Using Dial Hand Test Set

226-546-500 1 Trunks From Vacant Connector Terminals — Operation Tests Using Trunk Test Set ES-30894A-01

226-550-500 1 Intercepting Trunks From Local Selector Levels — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)

226-551-500 2 Intercepting Trunks From Local Selector Levels — Intercepting Handled at DSA Switchboards — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)

226-552-500 2 Intercepting Trunks From Toll Selector Levels — Intercepting Handled at DSA Switchboard — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-553-500 1 Intercepting Trunks From Toll Selector Levels — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-554-500 1 Intercepting Trunks From Trunk Finders to a No. 14C, 14D, or 15C Switchboard Arranged to Trip Machine Ringing Before Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-554-501 2 Intercepting Trunks From Trunk Finders to a No. 14C, 14D or 15C Switchboard Arranged to Trip Machine Ringing After Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)

226-555-500 1 Intercepting Trunks From Trunk Finders to Toll Switchboard or Operating Room Desk Arranged to Trip Machine Ringing Before Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-555-501 1 Intercepting Trunks From Trunk Finders to Toll Switchboard or Operating Room Desk Arranged to Trip Machine Ringing After Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-556-500 2 Outgoing 2-Wire Intercepting Trunks From Trunk Finders Arranged for Regular or Trouble Intercept to Operator or to Machine Announcement — Operation Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-557-500 1 Intercepting Trunk — From Connectors and Selectors Using an Announcement Machine — Operation Tests Using Dial Hand Test Set

226-559-501 2 Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at DSA Switchboard — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-560-500 1 Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Dial Hand Test Set

226-561-500 3 Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at DSA Switchboard — Operation Tests Using Dial Hand Test Set

226-562-501 1 Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)

226-565-501 7 Individual Line Message-Rate Trunks — Line Finder Type — Operation Tests Using Individual Line Message-Rate Type Test Set SD-31246-01 (J34703A) or SD-31524-01 (J34718A)

226-565-501 5 Individual Line Message Rate Trunks — Line Finder Type — Operation Tests — Using 2-Party Message Rate Type Test Set SD-31258-01 (J34702A) or SD-31456-01 (J34715A)

226-566-500 2 2-Party Message Rate Trunks — Pulsing Tests — Per Cent Break Method Using Pulsing Test Set SD-31481-01 (J34717A) and Pulse Repeating Test Set SD-31667-01 (J34720A)

226-566-501 4 2-Party Message Rate Trunks — Line Finder Type — Operation Tests Using Test Set SD-31151-01 (X-61404A) SD-31258-01 (J34702A) or SD-31456-01 (J34715A)

226-569-500 5 PBX Trunks from Selector Levels SD-31757-01 — Operation Tests Using Test Set ES-241798, SD-30502-01 (J34711A), SD-31637-01 or SD-31637-02 (J34719A)

226-572-500 1 Toll Diverting Trunks — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)

226-573-500 2 Outgoing Trunks — Test of DC Key Pulsing — 15C Switchboard

226-577-500 2 Outgoing Dialing Trunks — Operation Tests — "A" Switchboards

226-588-500 6 Trunk Transmission Tests — Step-by-Step Offices Not Provided With Manual Trunk Test Frame

226-588-501 1 PBX Trunk Relay Equipment — 1000 Hertz Transmission Test — Using Portable Transmission Measuring Set — Step-by-Step Systems

Add 226-590-500 1
226-590-500 4 Trunk Transmission Tests — Step-by-Step Offices Provided With Manual Outgoing Trunk Test Frame SD-32349-01

226-590-501 1 Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Step-by-Step Systems

226-691-101	2	Automatic Outgoing Trunk Test Frame — Description
226-691-300	2	Compiling Data for Control Tapes — Automatic Outgoing Trunk Test Frame
226-691-301	2	Preparation of Control Tapes — Automatic Outgoing Trunk Test Frame
226-691-501	2	Operational and Transmission Tests on Outgoing Dial Trunks Using Automatic Outgoing Trunk Test Frame SD-32504-01
226-691-510	1	Automatic Outgoing Trunk Test Frame — SD-32504-01 — Tests
226-691-701	1	Adjustment of Line Build-Out Networks — Automatic Outgoing Trunk Test Frame SD-32504-01

226-6 PULSE REPEATERS AND OUT-TRUNK SWITCHES

Add	226-600-500	1
	226-600-500	5 Outgoing Repeaters — Pulsing and Continuity Test — Using Trunk Test Set SD-90869-02 (J94710A) or Using Pulsing Test Set SD-31481-01 (J34717A)
	226-600-501	2 Outgoing Repeaters — Pulsing Tests — Per Cent Break Method Using Pulse Repeating Test Set SD-31667-01 (J34720A) and Pulsing Test Set SD-31481-01 (J34717A)
	226-600-502	1 Repeaters — C Relay Release Test Using Dial Hand Test Set
	226-600-503	4 Repeaters — B and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
	226-606-500	3 Rotary Out-Trunk Switch SD-32253-01 — Operation Test Using Dial Hand Test Set
	226-610-500	6 Rotary Out-Trunk Switches Arranged for Preselection — Operation Tests Using Test Set SD-31426-01 (J34714A)
	226-610-501	7 Rotary Out-Trunk Switches Arranged for Preselection — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)

226-7 TRAFFIC AND MESSAGE REGISTERS

	226-700-500	4 Traffic Registers Associated With Line and Trunk Finders — Operation Tests
	226-700-501	2 Traffic Registers Associated With Selectors — Operation Tests
	226-700-502	3 Traffic Registers Associated With Connectors — Operation Tests
	226-700-503	1 Traffic Registers Associated With Repeaters — Operation Tests
	226-705-500	3 Line Message Registers Associated With Line Finder Equipment — Cross Connection and Operation Tests Using Test Set SD-30490-01 (J34706A) and Test Line SD-31610-01 or Equivalent
	226-705-501	1 Line Message Registers Associated With Line Finder Equipment Arranged for Overtime Charging — Cross Connection and Operation Tests Using Test Set SD-30490-01 (J34706A) and Test Line SD-31610-01 or Equivalent
	226-705-502	1 Toll Resistance Line Message Registers — Cross Connection and Operation Tests Using Test Set SD-32150-01 (J34725A) and Test Line SD-31610-01 or Equivalent

226-8 ALARMS, SWITCHBOARDS, AND MISCELLANEOUS EQUIPMENT

	226-800-500	6 Switch Trouble and Fuse Alarms — Operation Tests
	226-801-501	8 Trouble and Fuse Alarms — Miscellaneous Circuits — Operation Tests
	226-802-500	1 Cable Protective Device Alarm, Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 — Operation Tests
	226-803-500	3 Permanent Alarm — Interface Connection P.B.X. Trunks and Reversing Coil Selection — Operation Tests
	226-804-500	1 Pulse Generator and Counting Circuit SD-32310-01 — Alarm and Transfer Test
	226-806-500	1 Precise Busy Tone Supply J87153A — Tests
	226-807-500	1 Voice Alarm and Control Circuit SD-27986-01 for Announcement System 7A — Tests
	226-807-501	1 Interlock and Alarm Circuit SD-35067-01 for 13A Announcement System — Tests
	226-808-501	1 Telecommunications Alarm Surveillance and Control (TASC) — Interconnection Circuit Tests — Step-by-Step Offices
	226-810-500	4 Line Load Control Equipment — Operation Tests
	226-813-500	1 Calling Line Identification Circuits for Intra-SXS Office Calls — Tests
	226-814-500	1 Emergency Manual Circuits for Manual Operation and Interception of Subscriber Lines and Trunk Circuits — Operation Tests Using Dial Hand Test Set
	226-816-500	2 Line Adapter Circuit SD-32072-01 Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
	226-818-500	1 Emergency Line Circuit SD-32313-01 — Operation Tests Using Dial Hand Test Set
	226-819-500	2 Emergency Transfer Circuit Per SD-96425-01 to Provide Emergency Manual Service for Dial Subscribers — Operation Tests
	226-820-500	1 Trunk Group Usage Circuit SD-32049-01 — Operation Tests
	226-822-500	2 Coin Timing and Coin Collect and Monitor Circuits for Overtime Charging — Operation Tests Using Trunk Test Set SD-90469-01 (J94710A)
	226-824-500	2 Timing Intervals for Coin and Message Rate Overtime Charging Using Test Set SD-32031-01 (J34723)
	226-826-500	4 Plugging-Up Circuits — Operation Tests
	226-828-500	3 Test Distributors — Pulsing Tests Using Pulsing Test Set SD-31481-01 (J34717A)

226-828-501 7 Test Distributors — Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)

226-829-100 1 Remote Office Test Line (ROTL) — Description

226-829-500 1 Remote Office Test Line (ROTL) SD-32521-01 — Tests

226-829-700 2 Adjustment of Line Build-Out Network — Remote Office Test Line SD-32521-01

226-830-500 1 Line Insulation Test Frame — Maintenance and Calibration Tests

▲ ♦ 226-831-000 1 Remote Office Test Line (ROTL 2)

226-831-100 2 Expanded Remote Office Test Line Arrangements — Descriptive Information

226-832-300 1 Call-Through Tests Using Call-Through Test Set SD-90603-01 (J94715) or SD-21069-01 (J24714)

Add 226-833-500 1
226-833-500 3 Call-Thru Tests Using Automatic Call-Thru Test Set SD-32522-01 (J34728) — No. 1 and 350A Step-by-Step, 355A and 3SE97 Community Dial Offices

226-834-100 3 Remote Office Test Line (ROTL 3) — Description — Step-by-Step Offices

226-834-101 2 Portable Remote Office Test Line-3 (ROTL 3) — Description — Step-by-Step Offices

226-834-300 2 Remote Office Test Line (ROTL 3) — Acceptance Tests and Trouble-Locating Procedures

226-834-301 1 Portable Remote Office Test Line-3 (ROTL-3) — Acceptance Tests and Trouble-Locating Procedures — Step-by-Step Offices

226-834-700 3 Adjustment of Line Build-Out Network — Remote Office Test Line (ROTL-3)

226-834-701 1 Portable Remote Office Test Line-3 (ROTL-3)— Adjustment of Line Build-Out Network—Step-By-Step Systems

226-836-101 1 30A Level Distribution Register — Description

Add 226-836-500 1
226-836-500 3 Contact Noise Measurements Using 30A Level Distribution Register

226-838-500 1 Auxiliary Line Circuits Arranged for Right-of-Way on Emergency Calls — Operation Tests Using Dial Hand Test Set

226-838-501 1 Common Systems — Line Circuit SD95873-01 (or Equivalent) — Public Emergency Reporting — Tests

226-840-500 3 Auxiliary Coin Lines — Postpayment Type — Operation Test

226-842-500 3 Auxiliary Line Circuit — Prepayment Coin Service — Operation Test Using Test Set SD-31858-01 (J34701A)

226-842-501 3 Auxiliary Line Circuits — Prepayment Coin Service — Operation Test Using Test Set SD-90869-02 (J94710A)

226-844-500 3 MF Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-95400-01 — No. 1 and No. 3 Type Toll Switchboards and No. 1SC Switchboard

226-846-500 3 DC Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-90635-01 — No. 1 and No. 3 Type Toll Switchboards and No. 1SC Switchboard

226-846-501 2 DC Key Pulsing Senders — Operation Tests Using Automatic Test Circuit SD-90424-01 — No. 1 and No. 3 Type Toll Switchboards and 1SC Switchboards

226-847-501 1 Automatic Test Circuit — For Keypulsing Senders SD-90424-01 — Operation Tests — Step-by-Step Offices

226-848-500 3 Card Circuit Supervisory Relays — Current Flow Tests — Nos. 14C, 14D, and 15C "A" Switchboards

226-850-500 3 Card Circuit Sleeve Relays — Current Flow Tests — Nos. 14C, 14D, and 15C "A" Switchboards

226-852-500 2 Recording Completing Card Circuits — 15C or 15D "A" Switchboard

226-854-500 3 Intercepting and Special Service Card Circuits — Operation Test Using Testing Circuit SD-31026-01 or SD-90501-01

226-856-500 3 Card Circuits — A-C Continuity Test — DSA Switchboards Nos. 14C, 14D and 15C

226-858-500 1 DSA Switchboards — 1000-Cycle Transmission Tests — Using Portable Transmission Measuring Set — Step-by-Step Systems

226-860-300 2 Method of Handling Complaints and Requests for All Offices Involving Charge Irregularities on Crossbar Tandem CAMA Calls

DIVISION 227 — GENERAL AND TESTING INFORMATION APPLYING TO INTERTOLL DIALING, CAMA, AMA, ANI, TOUCH-TONE CALLING AND COMMON CONTROL EQUIPMENT — STEP-BY-STEP SYSTEMS

227-0 Indexes and Administrative Practices
- .1 Intertoll Dialing Equipment
- .2 AMA Equipment
- .3 CAMA Equipment
- .4 Common to AMA and CAMA Equipment
- .5 ANI Equipment
- .6 Touch-Tone Calling Equipment — Not Adaptable for Common Control
- .7 Common Control Equipment — For Touch-Tone Calling and for Controlled Outpulsing
- .8 ITT TEL-TOUCH Equipment

227-0 INDEXES AND ADMINISTRATIVE PRACTICES

♦ 227-000-000 41 Numerical Index — Division 227 — General and Testing Information Applying to Intertoll Dialing, CAMA, AMA, ANI, Touch-Tone Calling and Common Control Equipment — Step-by-Step Systems

227-001 Equipment Test Lists (ETL)

227-001-011 3 Intertoll Dial Circuits

227-001-012 12 ESS#4 Equipment

227-1 INTERTOLL DIALING EQUIPMENT

Add 227-100-500 1
227-100-500 5 Selectors — Operation Tests Using Dial Hand Test Set

227-100-501 2 Intertoll Selectors — Rotary Test Using 40C Test Set

227-100-502 6 Intertoll Selectors — Rotary Tests Using Dial Hand Test Set With or Without Selector Rotary Action Test Set — SD-31416-01 (J94716A)

227-100-503 3 Intertoll Selectors — Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A) and Toll Pulse Repeating Test Set SD-64540-01 (J64722A)

227-100-504 4 Intertoll Selectors — B and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A) and Pulse Repeating Test Set SD-64540-01 (J64722A)

227-100-505 4 Intertoll Selectors — Pulsing Tests Using Pulse Repeating Test Set SD-64540-01 (J64722A) — With or Without Pulsing Test Set SD-31481-01 (J34717A)

227-100-506 3 Intertoll Transmission Selectors — Test of C and S Leads Using Dial Hand Test Set

227-100-507 1 Intertoll Selectors — Permanent Alarms — Operation Test

227-105-500 1 Traffic Registers — Associated With Intertoll Selectors — Tests

227-110-500 1 Intertoll through Selectors — Group Busy and Overflow Circuit — Operation Tests Using Dial Hand Test Set

227-115-500 2 Rotary Out Trunk Switch — Operation, Alarm and Register Tests Using Test Circuit SD-56118-01

227-115-501 2 Rotary Out-Trunk Switches — Operation, Alarm and Register Tests Using Test Circuit SD-56342-01

Add 227-120-500 1
227-120-500 6 Dial or Automatic Manual Intertoll Trunks Having Selector Multiple Appearances — Operation Tests Using Dial Hand Test Set

Add 227-125-500 1
227-125-500 4 Trunks to Toll Operator, Information, Intercept and Interswitch Trunks to Auxiliary Intertoll Selectors — Operation Tests Using Dial Hand Test Set

Add 227-130-500 1
227-130-500 5 Trunks From Levels of Intertoll Selectors — Continuity Test Using Dial Hand Test Set

227-135-500 1 Intertoll Trunks — Miscellaneous Tests

227-145-500 2 Intertoll Timing Circuit SD-64587-01 — Timing and Alarm Tests

227-160-500 1 Directional Reservation Circuit SD-56470-01 — Operation and Register Test

227-165-500 2 Controllers — Intertoll Trunk Concentrator Equipment — Operation Tests

227-170-300 3 Method of Taking Equipment Out of Service

227-185-500 6 Switch Trouble and Fuse Alarms — Tests

227-186-500 7 Trouble and Fuse Alarms — Miscellaneous Circuits

227-2 AMA EQUIPMENT

227-200-300 4 Trouble Recorder Alarm Procedure and Trouble Analysis

227-203-500 2 KS-13834 Perforator and Trouble Recorder Control and Test Circuit — Operation Tests

227-205-500 1 Fuse Alarm Tests

227-206-500 3 Subscriber Lines — Verification Test

227-209-500 4 Thousands Number Circuit — Miscellaneous Tests

227-212-500 3 Common Number and Class Circuit — Verification of Crossed Sleeve Test

227-215-500 3 Code Connectors — Operation Tests

227-218-500 3 Identifier-Trunk Connectors — Lockout Feature and Lead Continuity Tests

227-221-300 4 Identifier Cross Connections

227-221-500 5 Identifiers — Operation Tests Using Sender Identifier and Transverter Test Circuit

227-221-501 2 Identifiers — Miscellaneous Tests

227-222-100 1 Automatic Number Identification Type E — Description

227-222-300 1 Automatic Number Identification — Type E Trouble Locating Procedures

227-223-500 1 Translations — Miscellaneous Tests

227-225-500 1 Outgoing Trunk SD-32508-01 Automatic Number Forwarding — Tests Using Trunk and Outpulser Test Frame SD-32511-01

227-225-501 1 Outgoing Trunk SD-35006-01 — Automatic Intercept System — Tests Using Trunk and Outpulser Test Frame SD-32511-01 for 1 Step-by-Step Office Arranged for AMA

227-227-500 2 Outpulser Connector SD-32509-01 — Automatic Number Forwarding and Automatic Intercept System — Operational Tests — for 1 Step-by-Step Offices Arranged for AMA

227-229-500 2 Outpulser — Automatic Number Forwarding and Automatic Intercept System — Tests Using Trunk and Outpulser Test Frame SD-32511-01 — for 1 Step-by-Step Offices Arranged for AMA

227-229-600 2 Trunk and Outpulser Test Frame — Automatic Number Forwarding and Automatic Intercept System — Tests

	227-230-500	1	Outgoing Trunks — Voltmeter Tests Using Automatic Trunk Test Frame
	227-233-500	5	AMA and Coin Zone Dialing Outgoing Trunk Circuits — Operation Tests Using Automatic Trunk Test Circuit SD-32206-01
	227-233-501	1	Outgoing Trunk Circuits — AMA and Coin Zone Dialing — Transmission Tests — Using Manual Outgoing Trunk Test Circuit SD-32349-01 and Automatic Trunk Test Circuit SD-32206-01
	227-236-500	4	Sender-Trunk Connectors — Miscellaneous Tests
Add	227-239-500	2	
	227-239-500	3	Senders — Operation Tests Using Sender, Identifier, and Transverter Test Circuit
	227-239-501	1	Senders — Miscellaneous Tests
	227-245-500	3	Transverter — SD-32203-01 — Operation Tests Using Sender, Identifier, and Transverter Test Circuit
	227-245-501	3	Transverters — Miscellaneous Tests
	227-251-500	2	Sender-Transverter Connectors — Operation Tests
	227-252-500	1	Dynamic Overload Control — Operation Tests — Using Sender, Identifier, and Transverter Test Circuit SD-32208-01
	227-254-300	1	Taking Equipment Out of Service — Recorder and Recorder Connector Circuits
	227-257-500	2	Rotary Out-Trunk Switches — Miscellaneous Tests Using Trunk Test Set SD-90469-02 (J94710A)
	227-258-500	1	Trunk Finders — Operation Test — Using Trunk Test Set SD-90469-02 (J94710A)
	227-260-500	2	Dial Coin Zone Concentrating Circuit — Miscellaneous Tests
	227-263-500	1	4-IPM Interrupter and Alarm Circuit — Miscellaneous Tests
	227-266-500	3	Call Count Process Control — Storage and Register Circuit — Operation Tests
	227-267-500	2	Traffic Registers — Operating Tests — Step-by-Step Offices Arranged for AMA
	227-268-500	2	Plant Registers — Operation Tests — Step-by-Step No. 1 Offices Arranged for AMA

227-3 CAMA EQUIPMENT

	227-300-000	2	Cross-Connection and Record Forms
	227-303-300	3	Trouble Ticketer Alarm Routine and Trouble Analysis
	227-305-500	7	Trouble and Fuse Alarms — Miscellaneous Circuits
	227-310-500	5	Dial Pulsing or MF Incoming Trunk Circuits — Operation Tests Using Test Set SD-32271-01 (J38913A) — Step-by-Step Intertoll Dialing Offices Arranged for CAMA
	227-311-500	1	CAMA Suspension Feature of Jack Key and Lamp Circuit — Tests — Step-by-Step Intertoll Dialing Offices Arranged for CAMA
	227-315-500	2	Incoming Register Links — Miscellaneous Tests
Add	227-316-500	1	
	227-316-500	4	Incoming Register Circuit — Operation and Miscellaneous Tests Using CAMA Test Set SD-32271-01 (J38913A) for Operation Tests
	227-318-500	3	Preroutator — Operation and Miscellaneous Tests
	227-320-500	1	Trunk Finders — Operation Tests Using Test Set
	227-325-500	5	Senders — Operation Tests Using Test Circuit SD-32270-01 and Test Set SD-32271-01 (J38913A)
	227-325-501	5	Senders — Miscellaneous Tests
	227-330-500	1	Decoder Connectors — Miscellaneous Tests
	227-331-500	5	Decoders — Operation Tests Using Sender Circuit and Test Set Circuit SD-32271-01 (J38913A)
	227-331-501	3	Decoders — Miscellaneous Tests
	227-335-500	4	Trunk Class Translators — Operation Test Using Test Set SD-32271-01 (J38913A)
	227-340-500	2	Position Link — Operation Tests Using Test Set SD-32271-01 (J38913A)
	227-345-500	1	Transverter Connector — Miscellaneous Tests
	227-346-500	6	Transverters — Tests Using Sender Circuit and Test Set Circuit — SD-32271-01 (J38913A)
	227-346-501	3	Transverters — Miscellaneous Tests
	227-355-500	2	Calls-Waiting Signal Circuit — Operation Tests
	227-360-500	2	Trunk Transfer Circuit — Operation Tests
	227-365-500	2	Traffic Registers — Operations Tests
	227-370-500	2	Plant Registers — Operation Tests

227-4 COMMON TO AMA AND CAMA EQUIPMENT

	227-400-300	5	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With Six-Second Timing
	227-400-301	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
	227-400-302	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
	227-400-303	1	Master Timing Circuit SD-25633-01 With One-Second Timing Features
	227-400-500	8	Master Timing Circuit SD-25633-01 — Six-Second Timing Features — Operation Tests
	227-400-501	1	Master Timing Circuit SD-25633-01 — One-Second Timing Features — Operation Tests
	227-430-300	3	Recorder and Recorder Connector — Alarm Procedures

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▲ ◆ 231-050-010 3 HILO 4-Wire Trunk Transmission Tests Using Mini-Trunk Test Package

▲ ◆ 231-050-011 3 HILO 4-Wire Trunk and Service Circuit Tests

▲ ◆ 231-050-012 2 HILO Trunk Frames

▲ ◆ 231-050-015 3 Digital Carrier Trunk Frame (Channel and Maintenance Bank)

▲ ◆ 231-050-021 1 CCIS — Local/Toll Using PUC/DL and 2400 DL

▲ ◆ 231-050-023 2 Trunk Circuit Tests—(1E5/1AE5 With MTTP Features)—1E6/1AE6 Generic

▲ ◆ 231-050-024 2 Service Circuit Tests—(1E5/1AE5 With MTTP Features)—1E6/1AE6 Generics)

▲ ◆ 231-050-027 2 Peripheral Unit Controller—Data Link Frame

▲ ◆ 231-051-001 2 Switching Network Operations and Trouble Clearing Data

▲ ◆ 231-051-002 3 Remreed Frames (1E6/1AE6)

▲ ◆ 231-051-003 2 Ferreed Frames

▲ ◆ 231-051-004 2 Loop Range Extension Frame and LRE Test System (Generic 1E6/1AE6 and Later)

▲ ◆ 231-051-022 1 Remreed Frames 1E7/1AE7

▲ ◆ 231-052-001 2 Office Alarm Systems

▲ ◆ 231-053-000 2 Remote Switching System Interface, (Maintenance From Host) Interface—(Maintenance From Host)

▲ ◆ 231-055-000 2 Lines

▲ ◆ 231-055-004 2 Dynamic Overload Control and Network Management Control (Generic 1E4/1AE4 and Later)

▲ ◆ 231-055-008 2 Remote Office Test Line

▲ ◆ 231-055-010 3 Recorded Announcement Frame (Generic 1E7/1AE7 and Earlier)

▲ ◆ 231-055-015 2 Miscellaneous Frames

▲ ◆ 231-056-030 1 Switching Control Center System

231-060 2-Wire 1 and 1A ESS Switches Network Switching Engineering

231-060-220 1 Trunk Receivers and Transmitters — Network Switching Engineering Service Circuits

231-060-270 1 Service Circuits — Revision Notes

231-060-822 1 Traffic Order Worksheets — Trunk Receivers and Transmitters

231-090) 2-Wire 1 and 1A ESS Switches Common Feature Documents
231-091)

231-090-011 4 Abstract of Feature Documents

Add 231-090-052 1

★ 231-090-052 V Automatic Line Insulation Test Feature

★	231-090-053	2	Station Ringer and TOUCH-TONE® Test Feature
★	231-090-054	1	Clare Restitution Feature
★	231-090-055	2	Attendant Call Through Test on Centrex Trunks Feature
★	231-090-056	2	Attendant Camp-On With Indication of Camp On Feature
★	231-090-057	2	Attendant Conference Feature
★	231-090-058	2	Attendant Control of Trunk Group Access Feature
★	231-090-059	1	Attendant Direct Station Selection With Busy Lamp Field Feature (50A CPS)
★	231-090-060	2	51A Customer Premise System Attendant Position Features
★	231-090-061	1	Prefixed Access Code Translator Feature
★	231-090-062	2	Peripheral Unit Controller/Data Link Feature
★	231-090-065	3	AUTOVON Interface Feature
★	231-090-066	2	Auxiliary Line Circuit Feature
★	231-090-067	2	2400 Data Link Feature
★	231-090-070	2	Busy Verification of Station Lines and Centrex Trunks Feature
Add	231-090-074	1	
★	231-090-074	2	Call Forwarding Variable Feature
Add	231-090-075	2	
★	231-090-075	1	Call Forwarding Busy Line/Call Forwarding Don't Answer Features
★	231-090-076	2	Call Hold (CHD) Feature
★	231-090-079	2	Call Transfer Features
★	231-090-080	2	Three-Way Calling Feature
Add	231-090-081	2	
★	231-090-081	7	Call Waiting Features
★	231-090-082	2	Calls Waiting Lamps Feature
★	231-090-083	3	Calling Line Identification Feature
★	231-090-084	2	Carrier Group Alarm and Trunk Make-Busy Key Feature
Add	231-090-085	1	
★	231-090-085	2	Common Control Switching Arrangement Feature
★	231-090-089	2	Call Pickup Feature
★	231-090-090	2	Centrex-ESS-1 Direct Inward Dialing Feature
★	231-090-092	2	Code Calling Feature
★	231-090-094	2	Code 103 Test Line Feature
★	231-090-095	2	Coin Feature
★	231-090-097	2	Coinless Public Telephone Service Feature
★	231-090-098	2	Code 100-Type Test Line Feature
Add	231-090-099	1	
★	231-090-099	3	Code 105-Type Test Line Feature
★	231-090-100	3	Code 104-Type Test Line Feature
★	231-090-101	2	Code 102 Test Line Feature
★	231-090-102	1	Code 107 Type Test Line Feature
★	231-090-103	1	Synchronous Test Line Feature
★	231-090-104	1	Tandem Test Line Feature
★	231-090-105	2	Combined Touch Tone and Dial Pulse Calling on Incoming Tie Trunks Feature
★	231-090-106	1	Interface With The Recorded Announcement Frame J1A058C
★	231-090-107	1	Interface With the Recorder Announcement Frame (J1A058A)
★	231-090-108	1	Interface With Desks Feature
Add	231-090-110	1	
★	231-090-110	1	Multiline Variety Package Service
★	231-090-112	1	Interface With Switchboards Feature
Add	231-090-114	1	
★	231-090-114	2	Interface With TSP and TSPS Feature
★	231-090-115	1	Interface With the Automatic Intercept System (AIS) Feature
★	231-090-116	2	Station Dial Conference Feature
★	231-090-120	1	Carrier Interconnect Feature
★	231-090-121	1	Sleeve Lead Control Features
★	231-090-122	2	Cut-Through to Operator After Local Intercept Announcement Feature
★	231-090-123	2	Delay Announcements Feature
★	231-090-125	1	Inactive Line Feature
★	231-090-135	3	User Dialed Authorization Codes — Electronic Tandem Switching
★	231-090-137	1	Automatic Time-Out of Announcements and Tones Feature
★	231-090-138	1	Traveling Class Mark (TCM) Feature — Enchanced Private Switched Communication Service (EPSCS) — Electronic Tandem Switching (ETS)
Add	231-090-142	1	
★	231-090-142	1	Flexible Route Selection (FRS) Feature
Add	231-090-143	1	
★	231-090-143	2	Party Line Service Feature
★	231-090-144	1	Automatic Callback Calling Feature
★	231-090-145	1	Full ESSX-1 Feature
Add	231-090-146	1	
★	231-090-146	3	Routing-Selected Transmission Control Feature
★	231-090-147	1	Identified Outward Dialing Feature

★	231-090-150	1	[illegible] Call Identification (CCI) Feature
Add	231-090-152	1	
★	231-090-152	2	Digital Carrier Trunk Feature
Add	231-090-153	2	
★	231-090-153	2	Operation With Remote Switching System Feature
★	231-090-154	2	Electronic Tandem Switching Feature
★	231-090-158	1	Distinctive Ringing/Distinctive Call Waiting Tone Feature
★	231-090-159	3	International Direct Distance Dialing Feature
Add	231-090-160	1	
★	231-090-160	2	Long Range Extension Feature
Add	231-090-162	1	
★	231-090-162	1	Deluxe Queuing — Electronic Tandem Switching
★	231-090-163	1	Facility Administration and Control Feature — Electronic Tandem Switching
★	231-090-165	1	Account Codes — Electric Tandem Switching
★	231-090-166	2	Station Message Detail Recording to Customer Premises — Electronic Tandem Switching (ETS)
★	231-090-167	2	Basic Queuing for Trunks and Lines
★	231-090-168	2	Traffic Data to Customer (Pollable) Feature — Electronic Tandem Switching
★	231-090-169	1	Selective Customer Control of Facilities Feature
★	231-090-171	1	Centralized Attendant Service
★	231-090-173	2	Manual Line Service Features
★	231-090-177	1	50B Customer Premises System Attendant Position Feature
★	231-090-178	1	50A CPS Attendant Position Feature
★	231-090-179	2	Series Completion Feature
★	231-090-180	3	Multiline Groups — Hunting and Nonhunting Capabilities
★	231-090-186	2	Night Service Feature
★	231-090-188	2	Service Observing Functions Feature
★	231-090-191	1	Reverting Pulsing Trunks Feature
★	231-090-192	2	Open Switching Interval Protection Feature
Add	231-090-195	1	
★	231-090-195	1	Line Service Overload Strategy — Feature Document
★	231-090-196	2	Operator Tandem Feature
★	231-090-199	2	Loudspeaker Paging Feature
★	231-090-200	2	Radio Paging Access Feature
★	231-090-205	2	Permanent Signal and Partial Dial Treatment and Permanent Signal Administration
★	231-090-207	2	Traffic Measurements Feature
	Appendix 1	2	Traffic Measurements Table
★	231-090-210	1	Power Failure Transfer — Attendant
★	231-090-211	1	Interface With MJ and MF Mobiles Rotary Telephone System
★	231-090-217	2	Recorded Telephone Dictation Feature
★	231-090-219	4	Remote Office Test Line and Processor Controlled Interrogator Feature
★	231-090-229	2	Feature Document — Simulated Facilities Feature — 2 Wire
★	231-090-234	2	Toll Operator Signaling and Compatibility With [illegible]
Add	231-090-253	1	
★	231-090-253	2	Through Dialing Feature
Add	231-090-254	2	
★	231-090-254	1	Tandem Tie Trunk Service (Nonadenmined) Feature
Add	231-090-256	1	
★	231-090-256	1	Tie Trunk and Foreign Exchange Service Features
★	231-090-260	2	Trunk Answer From Any Station Feature
★	231-090-262	1	Trunk Group Busy (TGB) Feature
★	231-090-269	1	Basic ACD Service Feature
★	231-090-273	1	Outward Wide Area Telecommunications Service Feature
★	231-090-274	1	Feature Document — 800 Service—Originating Screening Office Feature
Add	231-090-275	1	
★	231-090-275	1	800 Service — Terminating End Office Feature
Add	231-090-276	1	
★	231-090-276	1	Busy/Idle Status Indicator Feature
Add	231-090-278	1	
★	231-090-278	1	Centralized Automatic Message Accounting (CAMA) Feature
★	231-090-280	1	Hotel/Motel Service Feature
★	231-090-285	1	Hospital Service Features
★	231-090-287	2	Universal Emergency Service Number 911 Feature — Basic 911 Service
Add	231-090-288	1	
★	231-090-288	2	Universal Emergency Service Number 911 Feature — Enhanced 911 Service
★	231-090-291	2	Customer Dialed Account Recording Feature
★	231-090-292	2	Call Forwarding Usage Sensitive Feature
★	231-090-294	1	Combined Operator Office Trunk Feature
★	231-090-300	1	Flexible Incoming Call Restriction (ICR) Feature
★	231-090-304	1	Feature Document — Multiple Position Hunt Feature

Add	231-090-305	2	
★	231-090-305	1	Network Management Feature
★	231-090-308	2	Interface With Pen Gate Systems Feature
★	231-090-309	1	Receiver Attachment Delay Report (RADR) Feature
★	231-090-312	3	Remote Call Forwarding (RCF) Feature
★	231-090-316	1	Through Balance Test Facilities Feature — No. 1 Electronic Switching System
★	231-090-321	1	Toll Diversion to Attendant (TOLD)
★	231-090-334	2	Automatic Call Distribution — Phase 1 Feature
★	231-090-336	1	Feature Document — ACD Multiline Group Hunt Feature — 2 Wire
★	231-090-338	2	Forms and Announcements to ACD Agents
Add	231-090-339	1	
★	231-090-339	2	ACD Queuing and Call Distribution to Agents Feature
Add	231-090-340	2	
★	231-090-340	2	Selected Traffic to Customer Feature
★	231-090-342	2	Code 104 Type Test Line Feature (104 TL)
★	231-090-344	2	Directory Assistance Charging Feature
★	231-090-345	1	Fast Repeat of Answer Supervision Feature
★	231-090-346	1	Division of Revenue Measurements — (IE8/1AE8 Generic Program and Later)
Add	231-090-350	1	
★	231-090-350	2	Division of Revenue Peg Counts Feature
★	231-090-351	1	Customer Controlled Station Restriction (CCSR) Feature
★	231-090-356	2	Coin Line Activity Monitoring Feature
★	231-090-359	1	Semirestricted Centrex Station Class Feature
Add	231-090-366	1	
★	231-090-366	3	HILO 4-Wire Switching Feature
★	231-090-370	2	Dial Call Waiting Feature
★	231-090-371	2	Directed Call Pickup — Nonbarge In Feature
★	231-090-372	1	2-Wire Toll/Tandem Operation Feature
★	231-090-399	2	Automatic Call Distribution — Phase 2 Description
★	231-090-400	1	Single Digit Dialing Feature
★	231-090-401	2	Speed Calling Feature
Add	231-090-402	1	
★	231-090-402	1	Station Message Register Service Feature
★	231-090-403	1	Directed Call Pickup With Barge-In
★	231-090-404	2	Code 108 Type Test Line Feature
★	231-090-408	2	Outgoing Trunk Queuing Feature (Phase 1)
★	231-090-409	1	Multifrequency Signaling on Bylink Trunks Feature
★	231-090-410	1	Incoming Trunk Service Observing (ITSO) Feature
★	231-090-411	1	Interface With Common Systems — Recorded Announcement Frame Feature
Add	231-090-412	1	
★	231-090-412	3	Basic Data Link Input/Output Control
★	231-090-413	2	Interface With ACD ESS Management — Information System Feature
★	231-090-415	1	ACD Phase 2 Agent Log-In Feature
Add	231-090-416	1	
★	231-090-416	2	Common Channel Interoffice Signaling Feature — Local and Toll
★	231-090-417	1	Message Detail Recording on Tie Trunks Feature
★	231-090-418	1	ACD Interface With 12A Customer Information System Feature
★	231-090-419	1	Interface With Property Management System Feature
★	231-090-421	1	Interface With Coordinator Cathode-Ray Tube Terminal Feature — Automatic Call Distribution — Phase II
★	231-090-422	1	Interface With 60A Customer Premises System—Automatic Call Distribution—Phase 1
★	231-090-423	1	Interface With 60B Customer Premises System—Automatic Call Distribution—Phase 2
★	231-090-424	1	Interface With 90A Customer Premises System Feature — Automatic Call Distribution — Phase 1

231-1 1"ESS" SWITCH — 2-WIRE

231-100) 1ESS Switch 2-Wire 231-159)

Add	231-100-101	1	
	231-100-101	2	Signal Processor — Description of System Operation
Add	231-100-102	1	
★	231-100-102	2	Signal Processor — Program Instructions
	231-100-311	3	Cutover Procedures (Pident SACT) — (CTX-6 and Later Generic Programs)
	231-102-101	1	Junctor, Trunk and Service Circuits — Description
	231-103-101	2	Call Processing — Description
	231-104-301	7	Updating Program Store Translation Information
Add	231-104-302	1	
	231-104-302	8	Single Card Wiring Procedures (Generic Program Overviews)
	231-104-305	2	Maintaining Recent Change Area — Customer Originated Recent Change (CORC)
	231-105-301	4	General Maintenance Procedures
	231-105-302	1	Procedures for Taking Equipment Out of Service, Removing and Restoring Equipment to Service — 2-Wire

	231-106-301	3	Method of Handling Complaints and Requests — AMA Charge Irregularities
	231-105-305	1	Clock Speeder — Descriptions and Procedures
	231-107-301	3	Trunk Error Analysis Tables and Trunk Error Message
	231-109-101	2	Maintenance Interrupt Description
Add	231-109-302	2	
★	231-109-302	1	Analyzing Maintenance Interrupts and Trouble Locating Procedures — Generic 1E4 Through 1E6
★	231-110-301	6	Call Tracing and Calling Line Identification Procedures
Add	231-111-101	2	
	231-111-101	2	786A Tool — Buffer Bus — Data Insert Keys — Description
	231-111-105	1	System Recovery — Description
Add	231-112-304	2	
★	231-112-304	1	Analyzing Audit Output Messages
	231-114-501	4	Emergency Manual Line Circuit — 5D 1A154-01 and 5D 1A243-01 — Tests
	231-115-501	11	Attendant Interface From Auxiliary Manual Test Circuit, Processor Interface Frame, and Peripheral Bus — Storage Protective Fuses — CX Test Alarm Tests
Add	231-117-301	2	
★	231-117-301	3	Off-line Operation
	231-118-010	3	ESS Frame 1504, 1505-1 Test 72 and 1506
	231-118-319	1	Locating, Analyzing, and Correcting Link Out Problem — All Generic Programs
	231-118-320	3	Recent Change Message Program Interface System Acknowledgement and RC 18 and RC 16 Output Messages (Through 1E5 Generic Program)
	231-118-321	6	Generic Recent Change Information (CTX 6 Through 1E5 Generic Program)
Add	231-118-323	5	
	231-118-323	6	Trunk Expansion Recent Change Procedures for 4G TGRNT, TRK, CFTRK, and TGMEM Through 1E5 Generic Program)
Add	231-118-324	1	
	231-118-324	6	Rate and Route Translation Recent Change Procedures for NOCNOG, DNHT, NOGRAC, RATPAT, DIGTRN, TOLDIG, CDOT 91 CHRGX, DITABS, TNUM, 1000, and 1041 (CTX 6 Through 1E5 Generic Program)
	231-118-325	7	RC Procedures for CENT, PSBR, PSWD, SUBTRAN (Through 1E5 Generic Program)
	231-118-328	2	Observing and Plug-Up Recent Change Procedures (CTX 6 and Later Generic Programs)
	231-118-329	2	Traffic Measurement Recent Change Procedures for DIGTRN, TRFSLB, TRFICLI, TRFHIC, TRCTK, CTRF, and NUTS — (Through 1E5 Generic Program
	231-118-330	5	RC Formats for DAINX, DAMSI, DAMSX, DATER, ESCO, ESN, and TNESN (Through 1E5 Generic Program)
Add	231-118-331	1	
	231-118-331	5	Centrex/CO ESSX-1 Recent Change Procedures for CTXCB, CTXDI, CTXEXR, CXDICR, DITABS, DIG, FLXDG, FLXRD, and FLXRS (CTX-6 Through 1E5 Generic Programs)
Add	231-118-332	1	
	231-118-332	2	Recent Change Procedures — Required to Add a Centrex, ESSX-1, or Non-Centrex Data Link, and Related Equipment
	231-118-335	6	Line Recent Change Procedures — for Line TWOPTY, MPTY, SCIIST, MIHG, ACT, CFV, OBS, and SIMFAC — 1E4, and 1E5 Generic Programs
	231-118-337	3	RC Procedures for ANIDI, CAMA, CFG, CPD, MSN, NMTGC, PIM, ROTI, SIMFAC, and TMBCGA (Through 1E5 Generic Program)
	231-118-339	2	Automatic Call Distribution (ACD) Phase 2 Recent Change Procedures — 1E4 Through 1E6 Generic Programs
Add	231-118-340	1	
	231-118-340	2	Overall Procedures for Implementing Automatic Call Distribution (ACD) Phase 1 — Generic CTX 6, Issue 3, and 1E4
	231-118-341	1	Call Line Activity Monitoring — Recent Change Procedures (CTX-6 and Later Generic Programs)
	231-118-342	1	Recent Change Procedures for Expanded 911 (E911) Service — 1E5 Generic Program
	231-118-343	3	Enhanced Private Switched Communications Service (EPSCS) II — Recent Change Implementation for Procedures — 1E4 and 1E7 Generic Programs
★	231-118-320	4	Procedures for Building or Deleting Hexit Index, Data Tables, Subtranslators, Accessory Blocks, and Unit Type Translators (CTX-6 Through CTX-8 Issue 3 Generic Programs)
★	231-119-321	5	2-1 Forward and Reverse Line Unit Terminal — Growth Procedures
★	231-119-322	4	Universal Trunk, Miniaturized Universal Trunk, and PBD Universal Trunk Frames (Home and Mate) — Growth Procedures
★	231-119-323	5	2-1 Forward and Reverse Line Unit Terminal — Growth Procedures
★	231-119-324	5	Forward and Reverse Trunk Unit Network — Growth Procedures
★	231-119-325	6	Universal Trunk Frame (Home or Mate) — Growth Procedures
★	231-119-326	2	Miscellaneous Trunk Frame — Equipped With a Teletypewriter Translator Receiver — Growth Procedures — (CTX-6 Through CTX-8 Issue 3 Generic Programs)
★	231-119-328	1	Supplementary Trunk Test Frame and Auxiliary Test Frame — Growth Procedures

Add 231-119-329 1
★ 231-119-329 2 Centrex Data Link Frame and Centrex Data Link Unit — Growth Procedures

★ 231-119-330 2 Central Control to Signal Processor — Conversion Procedures (CTX 6 and Later Generic Programs)

★ 231-119-331 2 Miscellaneous Trunk Frame With Step-by-Step Incoming Trunks Growth Procedures (CTX-6 Through CTX-8 Issue 3 Generic Programs)

Add 231-119-332 2
★ 231-119-332 1 Miscellaneous Trunk Frame Equipped With Automatic Identified Outward Dialing — Interface Circuit and Automatic Number Identification Connecting Unit — Growth Procedure (CTX-6 Through CTX-8 Issue 3 Generic Programs)

★ 231-119-335 1 Attendant Interface Frame — Growth Procedures (CTX 6 Generic Program)

★ 231-119-341 4 Master Scanner — Growth Procedures

Add 231-119-342 2
★ 231-119-342 3 8K Call Store Central Control or Signal Processor Growth Procedures

★ 231-119-343 3 Program Store — Growth Procedures

★ 231-119-344 3 Central Pulse Distributor — Growth Procedures — (CTX 6 Through CTX-8 Issue 3 Generic Programs)

★ 231-119-345 4 Miscellaneous Trunk Frame and Miscellaneous Trunk Frame Signal Distributor (MTF/SSD, Combined MTF/SSD, or HILO MTF/SSD) — Growth Procedures

★ 231-119-346 3 Power Distributing, Recorded Announcement, Common Systems Recorded Announcement, Control and Distribution, Miscellaneous, Miscellaneous Power, Miscellaneous Trunk, Protector, Distributing, and Junctor Grouping Growth Frames (CTX-6 and later Generic Programs)

Add 231-119-347 2
★ 231-119-347 4 32K Call Store — Growth Procedures

★ 231-119-351 3 Manual Trunk Test Frame and Auxiliary Manual Test Frame Growth Procedures — 1E4 and Later Generic Programs)

231-120-302 4 Plant Measurements

231-121-301 4 Dial Tone Speed Test Procedures

★ 231-122-302 3 Trunk Load Control and Emergency Manual Line Service Application

Add 231-125-301 2
231-125-301 7 Master Control Center — Alarm, Display, and Control Panel — Method of Operation

231-125-310 2 Displaying Scanner Row on Program Display Lamps of Master Control Center

Add 231-130-301 2
231-130-301 8 Trunk and Line Test Panel, Supplementary Trunk Test Panel, and Auxiliary Test Frame — Method of Operation (Through 1E5 Generic Program)

231-138-010 2 Common Channel Interoffice Signaling — Voice Frequency Link Office Test Unit

Add 231-138-305 1
231-138-305 1 Toll — CCIS Data Link Configuration and Recovery

231-140-101 A Teletypewriter Facility — Description

231-140-301 A Teletypewriter Operating Procedures

231-144-100 1 Peripheral Data Storage Processor (PDSP) — Description

231-144-085 2 Processor Interface Frame — Description — Peripheral Data Storage Processor

231-144-150 2 Enhanced Private Switched Communications Service — Peripheral Data Storage Processor — Data Base Description

231-144-151 2 Enhanced Private Switched Communications Service — PDSP Software — Description

231-144-152 2 Peripheral Data Storage Processor — Traffic Measurement Software — Description

231-144-301 2 System Initialization and Recovery Procedures — Peripheral Data Storage Processor (PDSP)

231-144-303 2 Data Base Reallocation Procedure — Peripheral Data Storage Processor

231-144-304 2 Updating Generic Program — Peripheral Data Storage Processor (PDSP)

231-144-305 1 Tape Data Facility — Operating Procedures — Peripheral Data Storage Processor

231-144-306 1 System Growth Procedure — Enhanced Private Switched Communications Service (EPSCS) and E911 Peripheral Data Storage Processor (PDSP)

231-144-307 2 Peripheral Data Storage Processor — Processor Interface Unit — Software Description and Maintenance Procedures

231-144-308 2 PDSP Universal Data Link Controller and Data Link Interface — Software Description and Diagnostic Procedures

231-144-310 1 Peripheral Data Storage Processor — Maintenance Procedures

231-144-311 2 Traffic Measurements for Peripheral Data Storage Processor

231-144-350 3 Recent Change and Data Base Generation Procedures for Enhanced Private Switched Communication Service — Peripheral Data Storage Processor

231-144-360 2 Recent Change Procedure and Data Base Generation for E911 — Peripheral Data Storage Processor (PDSP)

231-144-401 1 3B20D Data Switch — General Description — Enhanced Private Switched Communication Service

231-144-402 1 3B20D Data Switch — Engineering Parameters — Enhanced Private Switched Communication Service

231-144-403 1 3B20D Data Switch — Software Description — Enhanced Private Switched Communication Service

	231-144-404	1	3820D Data Switch — Traffic Measurements — Enhanced Private Switched Communication Service
	231-144-405	1	3820D Data Switch — Initialization and Recovery — Enhanced Private Switched Communication Service
	231-144-406	1	3820D Data Switch — Maintenance Procedures — Enhanced Private Switched Communication Application
	231-144-407	1	3820D Computer Data Switch — Data Base and Recent Change Verify Description — Enhanced Private Switched Communication Service
	231-147-301	5	Auxiliary Test Programs — Common Procedures
	231-148-301	4	Bus System Test Procedures
	231-148-303	4	Line Office Network Fabric Program — Procedures
Add	231-148-304	1	
	231-148-304	1	Scanner Test Procedures
	231-148-305	2	Universal Controller Test Procedures
	231-148-306	1	Junctor Test Program — Procedures
Add	231-149-301	2	
	231-149-301	3	Administrative Data Link Facility — Transmit and Receive Procedures
Add	231-150-301	3	
	231-150-301	3	AMA Data Retrieval and Insertion Procedures
Add	231-151-301	3	
	231-151-301	4	Data Mapping Procedures
	231-151-302	5	Translations Structure Check Procedures
Add	231-151-303	1	
	231-151-303	3	Parameter/Translation Verification Program — Procedures
	231-151-304	3	Translations Search Program — Procedures
	231-151-305	3	Translation Data Check Program — Procedures
Add	231-152-301	1	
	231-152-301	5	Automatic Board-to-Board Testing Procedures
	231-153-301	4	Program Store Copy, Compare, and Dump Procedures and Call Store Dump Procedure

231-160) 2-Wire 1ESS Switch Task Oriented Practices (TOP)
231-189)

▲ ◆	231-160-000	4	Master Index List No. 1 ESS TOP Maintenance Procedures
▲ ◆	231-162-000	1	Program Store Frame — (2-Wire and 4-Wire)
▲ ◆	231-162-001	2	8K Call Store Frames — (Generic 1E4 Through 1E6)
▲ ◆	231-162-005	1	Central Control (2-Wire and 4-Wire)
▲ ◆	231-163-000	2	Memory Card Writer/Memory Card Loader — Operational Tests
▲ ◆	231-163-002	2	Trunk and Service Circuits — Translations (Generic 1E4 through 1E7)
▲ ◆	231-164-000	1	System Recovery (Generic 1E6 Earlier)
▲ ◆	231-164-005	1	System Evaluation
▲ ◆	231-164-010	1	Generic Program Control Unit — System Updates — No. 1 ESS
▲ ◆	231-165-001	1	Signal Processor
▲ ◆	231-165-005	1	32k Call Store Frames — No. 1 ESS — (Generic 1E6 and Earlier)
▲ ◆	231-167-001	2	Centrex — CO/PSSX-1 — Translations — Basic (Generic 1E4 — 1E7)
▲ ◆	231-167-002	2	Business Customer Services — CU — Translations (Generic 1E4 and Later)
▲ ◆	231-167-003	2	Automatic Call Distribution — Translations (Generic 1E4 Through 1E7)
▲ ◆	231-167-004	2	Routing and Charging — Translations (Generic 1E4 Through 1E7)
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DIVISION 250 — TRAFFIC SERVICE SYSTEMS

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250-211-102 1 Remote Trunk Arrangement and Position Subsystem No. 2 — Peripheral Control Link Facilities Description — No. 1/1B

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250-214-100 1 Position Subsystem No. 1 — Operation and Description

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250-4 AUTOMATIC INTERCEPT SYSTEM

250-400-005 1 Network Performance Measurement Plan — Description

250-400-101 3 Automatic Intercept Center No. 1A — Description

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250-401-101 4 Centralized Intercept Bureau No. 1A — Description

250-402-501 1 Trunk Transmission Tests From an Automatic Intercept Center No. 1A of an Automatic Intercept System

250-402-502 3 Trunk and Position Transmission Tests — Auxiliary Service Positions 3A, 3B Centralized Intercept Bureau

250-402-503 1 Trunk and Position Transmission Tests — Auxiliary Service Positions 3A, 3B Centralized Intercept Bureau Arranged With Limited Telephone Control

250-403-101 1 Trunk Test Circuit — Description

250-404-101 2 File Subsystem 1 (SD-1B171) — Description — No. 1A

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250-404-201 2 Procedures for Administering the Number Storage Files From Facilities Provided at an Automatic Intercept Center No. 1A

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250-404-303 1 File Subsystem No. 3 — Diagnostic and Maintenance Procedures — Automatic Intercept Center No. 1A

250-405-101 3 Central Maintenance Keyboard — Automatic Intercept Center No. 1A

	250-406-301	3	Procedures for Administering the Nongeneric Parameters in an Automatic Intercept Center No. 1A
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	250-410-701	3	KS-19728 Reproducer — Requirements and Adjusting Procedures
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	250-411-301	1	Procedure for Recording on the Special Announcement Circuit SD-95283
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	250-413-701	1	KS-20512 Disc File — Requirements and Adjusting Procedures
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250-9 POSITIONS, CONSOLES, DESKS, AND MISCELLANEOUS EQUIPMENTS

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	250-901-501	3	Position Trunk and Control Circuit — Tests Using Test Set SD-99381-01 — Auxiliary Service Positions (ASP) — No. 1A, 2A, 2B 2C, 5B1, or 5C1
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	250-902-501	1	Operator Position Control Circuit SD-27988-01 — Operator Telephone Set and Jack Circuit — SD-18131-01 (5B2 or 5C2 Auxiliary Service Positions) — Tests Using Test Circuit SD-28039-01 — No. 5 Crossbar System for Automatic Call Distribution
	250-902-502	1	Service Assistant Console Control SD-27989-01 and Service Assistant Console Circuit — SD-18132-01 for No. 5 Crossbar — Automatic Call Distribution — Tests

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250-902-503 1 No. 5 Crossbar Automatic Call Distribution Phase II — Auxiliary Service Position No. 302 or 502 — Transmission Tests

250-910-501 2 Flashing Circuits — Tests — No. 1 and 2 Information Desks

250-911-101 2 Description — No. 3 Information Desk

250-911-301 2 Method of Testing Alarms — No. 3 and 4 Information Desks

250-911-302 2 Method of Taking Equipment Out of Service — No. 3 and 4 Information Desks

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318-512-504 1 Equipment Unit — Jerrold Model TLE-1 Line Extender Amplifier

318-512-505 1 Equipment Unit — Jerrold Model TAGC-213 Automatic Gain Control Unit

318-512-510 1 Equipment Unit — Jerrold Model RPS-30 Power Supply

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318-513-100 1 Equipment Units — Jerrold Solid-State SA(W) Series Amplifiers and Associated Equipment — General Description

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318-513-501 1 Equipment Unit — Jerrold Model SA-1 Amplifier

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318-513-503 1 Equipment Unit — Jerrold Model SA-3 Amplifier

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318-513-504 1 Equipment Unit — Jerrold Model SA-4 Amplifier

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318-513-507 1 Equipment Unit — Jerrold Model SX-1 Line Extender Amplifier

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318-513-508 1 Equipment Unit — Jerrold Model SPS-12 Power Supply and SPJ-2 Power Combiner

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8 Pilot Wire Regulators, Echo Suppressors, Tail Circuits and Circuits and Auxiliary Equipment
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332-200-105	1	General Procedures for Trouble Analysis for a Line Equipped With an E1, E2, E13 or E23 Repeater When Instability or Excessive Gain is Indicated
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332-200-106	1	Network Strapping by Use of Charts — E13 or E23 Bridged Repeaters
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	332-205-500	2	Negative Impedance Converters — Tests and Adjustments
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	332-206-200	2	E6 Repeater — Alignment Procedure
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	332-410-500	5	1A Suppressor and Disabler — Tests and Adjustments
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	332-412-101	2	3A Echo Suppressor — Description
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	332-430-500	3	Tests and Adjustments — Switching Pad Non-Gain and Card Circuit Repeater Offices
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	332-434-100	1	4233A Network — 4-Way, 4-Wire Bridge — Description
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	332-436-100	1	Specialized Network Conferencing Systems (SNCS) — Description, Methods of Operation, and Test Procedures
	332-436-101	1	Specialized Network Conferencing Systems (SNCS) — Executive Intercompany Conferencing Arrangement (EICA) — Description, Method of Operation, and Test Procedures
	332-436-110	1	Specialized Network Conferencing Systems (SNCS) — Pulsecom Model 1682 Time Division Conference Bridge — Description, Methods of Operation, and Test Procedures

332-436-120 1 Specialized Network Conferencing (SNCS) — Conference Control Switching Circuit (CCSC) — Description, Method of Operation, and Test Procedures

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332-600-102 1 Maintenance Provisions

Customer's Premises Facility Terminal for Type F Signaling System

332-601-100 1 Description

332-601-200 1 Identification, Connections, and Installation

332-601-500 1 Maintenance and Lineup

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332-610-100 3 General Description

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332-610-102 1 J99400C, D, and E — Description

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332-610-104 2 J99400R and J99400S Housing Assemblies — Description — Packaged Metallic Facility Terminal Assemblies

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332-610-200 3 Installation

332-610-201 1 J99400A Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies

332-610-202 1 J99400C, D, and E Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies

332-610-203 1 J99400K Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies

332-610-204 1 J99400R and J99400S Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies

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332-620-100 1 General Description

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332-620-111 1 BPT10 Dual 2-Wire Maintenance Termination Unit — Description and Installation

332-620-112 1 BPT20 2-Wire Loop Start Only Signaling Repeater and BPT21 2-Wire Loop Start Only Signaling Repeater Plus Maintenance — Description and Installation

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332-620-130 1 BPT60 4-4 Wire Data Interface Unit — Description and Installation

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332-800-108 2 1P and 1R Terminating Sets — Description

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332-851-102 1 Line Balance Network Unit

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332-852-105 1 4066E — Description

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332-911-103 1 DX1 and DX1/DX2 Signaling Units (J99343DA, DB) — SD-1C359-01 — Description

332-911-104 2 Ringdown Signaling Units (J99343EA, EB, EC) — SD-1C359-01 — Description

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332-911-105 1 Loop-Start and Ground-Start to DX or E&M — Signaling Converters (J99343FA, FB, FC, FD) — SD-1C359-01 — Description

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332-911-202 2 Loop Signaling Extender (J99343CA, CB, CC, and CD) — Installation and Testing

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	332-912-152	2	Loop-Start Only/2-Wire Transmission Unit (J99343GA Lists 1 and 2) SD-7C050-01 Description
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	332-912-158	2	J99343GG (L1 and L2, and GK 2-2 Wire Intermediate Repeater (L-NL)/Loop Signaling Repeater Combined Function Units — Description
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	332-912-213	1	J99343PA and J99343PB (L1 and L2) 2-2 Wire Terminal Repeaters (L) — Installation and Testing
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	332-912-265	1	Loop Signaling Extender/2-2 Wire Terminal Repeater (J99343GB) — Combined Function Unit — SD-7C050-01 — Installation and Testing
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	332-912-264	1	Loop Signaling Repeater (Loop Start Only/2-2Wire Intermediate Repeater (L-1), J99343GC — SD-7C0501 — Installation and Testing
Add	332-912-265	2	
	332-912-265	1	Loop Signaling Repeater — (Loop Start Only/2-2 Intermediate (L-NL) Repeater (J99343GD) — Combined Function Unit SD-7C050-01 — Installation and Testing
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	332-912-266	1	Loop Signaling Extender/2-2 Wire Terminal Repeater (J99343GF) — Combined Function Unit (CFU) — SD-7C050-01 — Installation and Testing

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332-912-258	1	J99343GG Loop Signaling Repeater (Loop Start Only)/2-2 Wire Intermediate Repeater (LNU) Combined Function Unit — Installation and Testing
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363 005 005 1 WN4( ) CP LIU-4 Common Unit S9LI404AXX

363 005 006 1 WN5( ) CP LIU-5 Common Unit, S9LI2A5AXX — Data Sheet

363 005 007 1 WN6( ) CP LIU-6 Common Unit S9LI4A5AXX — Data Sheet

363 005 008 1 WN8( ) CP LSU Common Unit S9CP402AAA

363 005 009 1 WN9( ) CP DLU Common Unit S9CP502AXX

363 005 010 1 WN10 CP CTU-COT Common Unit S9CP612AAA

363 005 011 1 WN 10(I) CP CTU-COT Common Unit S9CP612AXX

363 005 012 1 WN11 CP CTU-RT Common Unit S9CP620AAA

363 005 013 1 WN12 CP TAU-COT Common Unit S9CP710AAA

363 005 014 1 WN13 CP TAU-RT Common Unit S9CP720AAA

363 005 015 1 WN14 CP NRU Common Unit S9CP900AAA

363 005 016 1 WP1 CP ACU Common Unit S9CP200AAA

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363 005 019 1 WP10 B CP DUAL SP CU (COT) Channel Unit S9CD101A6X

363 005 020 1 WP20( ) CP DUAL-SP CU (RT) Channel Unit S9CD201AXX

363 005 021 1 WP20( ) CP DUAL SP CU (RT) Channel Unit S9CD203AXX

363 005 022 1 WP30( ) CP DUAL SP CU (RT XR) Channel Unit S9CD242AXX

363 005 023 1 WP11( ) CP DUAL-MP CU (COT) Channel Unit S9CD120AXX

363 005 024 1 WP21( ) CP DUAL-MP CU (RT) Channel Unit S9CD221AXX

363 005 025 1 WP31( ) CP DUAL-MP CU (RT-XR) Channel Unit S9CD251AXX

363 005 026 1 WP12 CP Com CU (COT) Channel Unit S9CD130AXX

363 005 027 1 WP22( ) CP Com CU (RT) Channel Unit S9CD232AXX

363 005 028 1 WP32 CP Com CU (RT-XR) Channel Unit S9CD260AXX

363 005 029 1 J98726CJ-1, 12 4E&MS Channel Unit D4CE800

363 005 030 1 J98726PC-1, 11 DVO Channel Unit D4DC220

363 005 031 1 J98726PD-1, 11 TDVS Channel Unit D4DC320

363 005 032 1 WP33( ) Dual-FSR CU (COT) Channel Unit S9CP — SLC-24 and SLC-96 Carrier Systems

363 005 033 1 WP34( ) CP Dual-FSR Channel Unit S9CD — SLC-24 and SLC-96 Carrier Systems

363 005 034 1 WP35( ) CP Dual-FSR Channel Unit S9CD — SLC-24 and SLC-96 Carrier Systems

363 005 035 1 WM1B CP TRU Common Unit S9CP105AXX — SLC-24 and SLC-96 Carrier Systems

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407-210 J41643A Base Station Transmitter Trunk Terminating Circuit

	407-210-100	2	Description
	407-210-501	1	Tests

DIVISION 408 — MOTOROLA, RCA, FEDERAL, REL, NARROWBAND AUXILIARY CHANNEL AND OTHER NON-AT&T MICROWAVE RADIO AND TV OFF-THE-AIR PICK-UP SERVICES

408-0 Indexes and Equipment Test Lists
.1 Motorola Microwave Radio
.2 RCA Microwave Radio
.3 Federal and REL Microwave Radio
.7 Narrowband Microwave Radio Auxiliary Channel
.8 TV Off-the-Air Pick-Up Services

408-0 INDEXES AND EQUIPMENT TEST LISTS

◆	408-000-000	14	Numerical Index — Division 408 — Motorola, RCA, Federal, REL, Narrowband Auxiliary Channel and Other Non-AT&T Microwave Radio and TV Off-the-Air Pick-up Services
Sup	408-001-01)	2	
	408-001-01)	1	Motorola, RCA, Federal, REL, Narrowband Auxiliary Channel and Other Non-AT&T Microwave Radio and TV Off-the-Air Pick-up Services

408-1 MOTOROLA MICROWAVE RADIO

408-100 Communications, Standby Type

	408-100-000	1	General
	408-100-330	1	Periodic Test Intervals
	408-100-500	2	Tests

408-110 Frequency Diversity Type

General

	408-110-000	1	General
	408-110-330	1	Periodic Test Intervals

Alignment Procedures

	408-110-500	1	General
	408-110-501	1	Equipment Alignment
	408-110-502	1	Preliminary Antenna Adjustments
	408-110-503	1	MU-180-A Waveguide Diplexer Phase Shifter Adjustment

P-8719-D IF Strip Alignment

	408-110-510	1	General
	408-110-511	1	Using Measurements Corp. Model 80 Signal Generator

408-110-512 1 Using Kay Electric Co. Radasweep

Measurements at 6000 Megacycles

408-110-520 1 General

408-110-521 1 Transmitter

408-110-522 1 Video Gain Adjustment — Terminals

408-110-523 1 Receiver

408-110-524 1 Comparator Equalizer Pads — Terminals

408-110-525 1 Comparator Equalizer Pads — Repeaters

408-110-526 1 Comparator Equalizer Pads — Alternate Method

Signal Comparator Adjustment

408-110-530 1 General

408-110-531 1 MU-161 Signal Comparator Alignment

408-110-532 1 Pilot Receiver

408-120 Type MR-10

General

408-120-000 1 General

408-120-330 1 Periodic Test Intervals

System Tests

408-120-500 2 General

408-120-501 1 Mixer and Monitor Crystal Tests

408-120-502 1 Power Supply Tests

408-120-503 1 Preliminary RF Tests and Adjustments

408-120-504 1 Final RF Tests and Adjustments

408-120-505 1 Waveguide Diplexer Phase Shifter Adjustment

408-120-506 1 AFC Tests and Adjustments

408-120-507 1 IF Amplifier Noise Balance and Output

408-120-508 2 Signal Comparator Tests and Adjustments

408-120-509 1 Pilot Channel Transmitter and Receiver Tests

408-120-510 1 Sensing Panel Tests and Adjustments

408-120-511 1 Alarm Equipment Tests and Adjustments

Measurements Using Hewlett-Packard 623B SHF Test Set

408-120-520 1 General

408-120-521 1 Test Flange Loss, Transmitter Power, and Frequency

408-120-522 1 Receiver

408-120-523 1 Modulation Amplifier — Gain Adjustment

Unit Tests

408-120-530 1 General

408-120-531 1 Modulation Amplifier

408-120-532 1 IF Amplifier

408-130 VX1NO4/05 Fixed Television

General

408-130-100 1 Description

408-130-330 1 Periodic Test Intervals

408-130-500 2 General Test Information

Transmitter Tests

408-130-501 1 Voltages

408-130-502 1 RF Tuning

408-130-503 1 RF Power and Frequency

408-130-504 1 Alarm Adjustment and Remote Control Operation

Receiver Tests

408-130-511 1 Voltages

408-130-512 1 RF Tuning

408-130-513 1 Mixer Performance and Adjustment

408-130-514 1 AFC Check

408-130-515 1 Noise Level

408-130-516 1 Bandpass

408-130-517 1 Received Signal Level

408-130-518 1 Alarm Adjustment and Remote Control Operation

System Tests

408-130-521 2 Transmitter Deviation and Channel Net Gain

408-130-522 1 Video Frequency Response

408-130-523 1 Video Frequency Response Less Terminal Equipment

408-130-524 1 Square Wave Response

408-130-525 2 Differential Phase and Gain

408-130-526 1 Noise and Hum

Unit Tests

408-130-531 1 MU-165 Test Oscillator and Balun Amplifier

408-130-532 1 MU-231 Video Modulation Amplifier

408-130-533 1 MK-214 RF Box and Control Panel (Transmitter)

408-130-534 1 MK-215 RF Box and Control Panel (Receiver)

408-130-535 1 IF Performance

408-130-536 2 IF Alignment
408-130-537 1 MU-216 AFC Chassis
408-130-538 1 MU-230 Video Line Preamplifier
408-130-539 1 MU-169 Video Line Amplifier
408-130-540 1 MU-219 Power Supply
408-130-541 1 MU-206 Power Supply
408-130-542 1 MU-207 Power Supply
408-130-543 1 MU-208 Power Supply

Miscellaneous Information

408-130-551 2 Voltage and Resistance Tables
408-130-552 2 List of Test Equipment
408-130-553 1 Patch Cords
408-130-554 1 Electron Tube Complements
408-130-555 1 Spare Parts List
408-130-556 1 Adjusting Transmitter to New Frequency
408-130-557 1 Adjusting Receiver to New Frequency

408-140 VP1NO1/02 Portable Television

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408-140-100 1 Description
408-140-200 1 Installation
408-140-300 1 Operation
408-140-330 1 Periodic Test Intervals
408-140-500 1 General Test Information

Transmitter Tests

408-140-501 1 Voltages
408-140-502 1 RF Tuning
408-140-503 1 RF Power and Frequency
408-140-504 1 Alarm Adjustment and Remote Control Operation

Receiver Tests

408-140-511 1 Voltages
408-140-512 1 RF Tuning
408-140-513 1 Mixer Performance and Adjustment
408-140-514 1 AFC Check
408-140-515 1 Noise Level
408-140-516 1 Bandpass
408-140-517 1 Received Signal Level
408-140-518 1 Alarm Adjustment and Remote Control Operation

System Tests

408-140-521 1 Transmitter Deviation and Channel Net Gain
408-140-522 1 Video Frequency Response
408-140-523 1 Square Wave Response
408-140-524 1 Differential Phase and Gain
408-140-525 1 Noise and Hum

Unit Tests

408-140-531 1 MU-165 Test Oscillator and Balun Amplifier
408-140-532 1 MU-231 Video Modulation Amplifier
408-140-533 1 MU-204 Control Panel (Transmitter)
408-140-534 1 MK-209 RF Box (Transmitter)
408-140-535 1 MU-205A Control Panel (Receiver)
408-140-536 1 MK-210 RF Box (Receiver)
408-140-537 1 IF Performance
408-140-538 1 IF Alignment
408-140-539 2 AFC Performance
408-140-540 1 MU-230 Video Line Preamplifier
408-140-541 1 MU-169 Video Line Amplifier
408-140-542 1 MU-201 Power Supply
408-140-543 1 MU-202 Power Supply
408-140-544 1 MU-203 Power Supply

Miscellaneous Information

408-140-551 1 Electron Tube Compliments
408-140-552 1 Spare Parts List
408-140-553 1 Adjusting Transmitter to New Frequency
408-140-554 1 Adjusting Receiver to New Frequency

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408-200 Type TTR/TRR

General

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408-200-200 1 Installation
408-200-300 1 Operation
408-200-330 2 Periodic Test Intervals
408-200-500 2 General Test Information

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408-200-501 1 Assembly
408-200-502 1 Tuning

408-200-503 | Video Amplifier Gain and Response

408-200-504 | Frequency and Power Output

408-200-505 | Fixed Wavemeter Frequency Measurement

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408-200-511 | Assembly

408-200-512 | Tuning

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408-200-513 | AFC Alignment

408-200-514 | IF Bandpass and Alignment

408-200-515 | Video Discriminator Alignment

408-200-516 | AFC Discriminator Alignment

408-200-517 | Video Amplifier Gain and Response

System Tests

408-200-521 | Tuning

408-200-522 | Differential Phase and Gain

408-200-523 | Baseband Gain and Response

408-200-524 | Noise and Hum

408-200-525 | Square Wave Response

Trouble Location

408-200-531 | Transmitter — Early Model 1B

408-200-532 | Transmitter — Models 1B and 1C

408-200-533 | Receiver — Models 1B, 1C, and 1D

408-200-534 | Receiver — Power Supply

Mechanical Procedures

408-200-541 | Transmitter or Receiver Removal from Weather proof Housing

408-200-542 | Removal of Covers from Control Unit Carrying Case

408-200-543 | Installing or Removing Transmitter Wavemeter

408-200-544 | Replacing Lightning

Modifications

408-200-551 | Low Frequency Conversion Kit

408-200-552 | Intercommunication Circuit

408-200-553 | Hum Bucking Circuit

408-200-554 | Receiver Power Supplies

408-200-555 | Transmitter Tuned Cavity Wavemeter

408-210 Type TVM-1A

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408-210-000 | General

408-210-200 | Installation

408-210-300 | Operation

408-210-330 | Periodic Test Intervals

408-210-500 | General Test Information

Transmitter Tests

408-210-501 | Tuning

408-210-502 | Modulation Percentage Reference Voltage

408-210-503 | Monitor Unit

408-210-504 | Video Modulator

408-210-505 | AFC Unit

408-210-506 | Differential Phase and Gain

408-210-507 | Video and Square Wave Response

408-210-508 | RF Power Output and Wavemeter Check

408-210-509 | Power Supply

Receiver Tests

408-210-511 | Tuning

408-210-512 | IF Alignment

408-210-513 | IF Preamplifier Alignment

408-210-514 | IF Amplifier Alignment

408-210-515 | Limiter Discriminator Alignment

408-210-516 | Video Amplifier

408-210-517 | AFC Unit

408-210-518 | Differential Phase and Gain

408-210-519 | Video Response

408-210-520 | Noise Level

408-210-521 | Power Supply

System Tests

408-210-531 | Tuning

408-210-532 | Differential Phase and Gain

408-210-533 | IF Gain and Video Response

408-210-534 | Square Wave Response

408-210-535 | Hum and Noise

408-3 FEDERAL AND REL MICROWAVE RADIO

408-300) Federal Microwave Radio
408-302)
408-300 Federal FLU-5106 Transmitter

408-300-100 1 Description

408-300-330 1 Periodic Test Intervals

408-300-500 1 Maintenance

408-301 Federal FLU-5107 Receiver

408-301-100 1 Description

408-301-330 1 Periodic Test Intervals

408-301-500 1 Maintenance

408-302 Federal FTR-28C Multiplex Equipment

408-302-000 1 General

408-302-100 1 Description

408-302-330 1 Periodic Test Intervals

408-302-500 1 Maintenance

408-310) REL Microwave Radio
408-314)
408-310 REL 756 Transmitter

408-310-000 1 General

408-310-100 1 Description

408-310-330 1 Periodic Test Intervals

408-310-500 1 Maintenance

408-311 REL 756J Transmitter

408-311-000 1 General

408-311-100 1 Description

408-311-330 1 Periodic Test Intervals

408-311-500 1 Maintenance

408-312 REL 756 Receiver

408-312-100 1 Description

408-312-330 1 Periodic Test Intervals

408-312-500 1 Maintenance

408-313 REL 756J Receiver

408-313-100 1 Description

408-313-330 1 Periodic Test Intervals

408-313-500 1 Maintenance

408-314 VF Service Channel For REL 756J Equipment

408-314-100 1 Description

408-314-330 1 Periodic Test Intervals

408-314-500 1 Maintenance

408-320 Army Air Defense Command (ARADCOM) Microwave System

408-320-000 1 Collins MS-508C Microwave and MX-106 Multiplex Systems

408-321 FAA Radar Remoting Systems (RML or RML-4)

408-321-501 1 RML-4 Cape Charles — Leesburg — MW-103 Transmitting Terminal
Not given general distribution; cannot be ordered

408-321-502 1 RML-4 Cape Charles — Leesburg — MW-103 Intermediate Station
Not given general distribution; cannot be ordered

408-321-503 1 RML-4 Cape Charles — Leesburg — MW-103 Receiving Terminal
Not given general distribution; cannot be ordered

408-321-504 1 RML-4 Mt Laguna — Palmdale — MW-105 Transmitting Terminal
Not given general distribution; cannot be ordered

408-321-505 1 RML-4 Mt Laguna — Palmdale — MW-105 Receiving Terminal
Not given general distribution; cannot be ordered

408-321-506 1 RML Fallon — Transmitting Terminal
Not given general distribution; cannot be ordered

408-321-507 1 RML Fremont — Receiving Terminal
Not given general distribution; cannot be ordered

408-7 NARROWBAND MICROWAVE RADIO AUXILIARY CHANNEL

408-700) Farinon KS-20098 — Farinon KS-20311 Radio and KS-20099 Multiplex Equipment
408-705)
408-702 Overall System

408-702-100 1 Description

408-702-102 1 Farinon KS-21046 Radio and KS-21047 Multiplex Equipment — Description

408-702-502 1 Farinon KS-21046 Microwave Radio — Farinon KS-21047 Multiplex Equipment — Overall System Lineup

408-703 Raytheon KS-20098 Radio Equipment

408-703-000 2 Description, Operation, and Maintenance

408-704 Farinon KS-20311 Radio Equipment

Description, Operation, and Maintenance

408-704-001 1 4-GHz Space Diversity System

408-704-002 1 2-GHz/4-GHz Crossband Diversity System

408-704-003 1 2-GHz Monitored Hot Standby System

408-704-004 1 4-GHz Monitored Hot Standby System

408-705 Farinon KS-20099 Multiplex Equipment

408-705-000 1 Description, Operation, and Maintenance

408-706 Farinon KS-21046 Multiplex Equipment

408-706-001	1	2-GHz System — Description, Operation, and Maintenance
408-706-002	1	4-GHz System — Description, Operation, and Maintenance

408-707 Farinon KS-21047 Multiplex Equipment

408-707-000	1	Description, Operation, and Maintenance

408-8 TV OFF-THE-AIR PICK-UP SERVICES

408-800 CONrac AV12 Audio-Video Receivers

408-800-000	1	General
408-800-300	1	Operation

Tests

408-800-330	1	Periodic Test Intervals
408-800-500	1	General
408-800-501	2	Test Equipment, Tools, and Patch Cords
408-800-502	1	Calibrating Simpson Signal Generator
408-800-503	1	Mega-Pix Calibration
408-800-504	1	Voltage Checks
408-800-505	1	Quality Checks Using Broadcaster's Signal
408-800-506	1	Video Response
408-800-507	1	Audio Response
408-800-508	1	Signal-To-Noise Ratio
408-800-509	1	Differential Phase and Gain
408-800-510	1	Composite Signal Test
408-800-511	1	Single Frequency Noise
408-800-512	1	IF Amplifier Alignment
408-800-513	1	RF Tuning and Over-all Alignment
408-800-514	1	Crystal Control Unit
408-800-515	1	Sound Channel Alignment

DIVISION 409 — TE, TJ, TL, AND TM MICROWAVE RADIO

409-0 Indexes and Equipment Test Lists
409-1 TE Microwave Radio
409-2 TJ or TJ/TM-1 Microwave Radio
409-3 TL-1 Microwave Radio
409-4 TL-2 and TM-1 Microwave Radio
409-5 TM-2/TM-2A Microwave Radio
409-6 Ancillary Equipment
409-7 Overall System

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409-001-013	1	TL-2/TM-1 Radio
409-001-014	1	TM-2/TM-2A Radio
409-001-015	1	Short Haul Radio

409-1 TE MICROWAVE RADIO

409-100 Overall System

409-100-100	3	Description
409-100-500	3	Tests
409-100-501	1	Modification for NTSC Color

409-110 TE-T1 Transmitter

409-110-100	4	Description
409-110-500	4	Tests
409-110-501	1	Modification for Remote and Local Control and Use of Improved Klystron
409-110-502	1	Modification for NTSC Color

409-120 TE-R1 Receiver

409-120-100	4	Description
409-120-500	4	Tests
409-120-501	2	Modification for Improved Operation and Maintenance
409-120-502	1	Modification for NTSC Color

409-130 TE-T2 Transmitter

409-130-100	2	Description
409-130-500	2	Tests
409-130-501	1	Modification for NTSC Color

409-140 TE-R2 Receiver

409-140-100	2	Description
409-140-500	2	Tests
409-140-501	1	Modification for Improved Operation and Maintenance
409-140-502	1	Modification for NTSC Color

409-150 TE-A1 Amplifier

409-150-100	1	Description
409-150-500	1	Tests

409-2 TJ OR TJ/TM-1 MICROWAVE RADIO

409-200 TJ Microwave Radio

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409-200-100	3	General
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409-200-103	2	Power Supply
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409-200-105	4	Receiver
409-200-106	2	D1 Auxiliary Bay
409-200-107	1	D2 Auxiliary Bay

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	409-200-500	5	General Test Information
	409-200-501	7	Tools
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409-201 TJ/TM-1 Microwave Radio

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409-201-101	1	Overall System

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[illegible]		Checks

409-210 TJ Transmitter Tests

	409-210-501	6	Frequency and Power Output
	409-210-502	2	Deviation
	409-210-503	4	Linearity
	409-210-504	3	Baseband Amplifier Response
Add	409-210-505	1	
	409-210-505	3	Component Replacement

409-220 TJ Receiver Tests

	409-220-501	4	RF to IF Tests
Add	409-220-502	1	
	409-220-502	4	Baseband Amplifier Power Output Frequency Response Noise Quieting, and Squelch Adjustments
	409-220-503	3	Linearity
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409-230 TJ Auxiliary Bay Tests

409-230-500	2	General
409-230-501	2	Diversity Switch and Transmission Unit

409-231 TJ/TM-1 Auxiliary Bay

409-231-501	1	Diversity Switch and Transmission Unit

409-240 TJ — Systems Tests — Light Loading

	409-240-500	4	General
	409-240-501	3	Initial Line-up Test Sequence
Add	409-240-502	1	
	409-240-502	2	Received Signal Level
	409-240-503	3	Transmitter Deviation
	409-240-504	2	Receiver Gain
	409-240-505	3	Net loss Measurements
	409-240-506	4	Telephone With Diversity — Comparison Tests
	409-240-507	4	Signaling and Pilot Tone Levels
	409-240-508	2	Pilot Monitor Tests and Adjustments

409-241 TJ/TM-1 — Systems Tests — Heavy Loading

	409-241-500	2	General
Add	409-241-501	1	
	409-241-501	2	Initial Line-Up Test Sequence and Periodic Test Intervals
	409-241-502	3	Received Signal Level
Add	409-241-503	1	
	409-241-503	2	Transmitter-Receiver Link Deviation
Add	409-241-504	1	
	409-241-504	1	Transmitter-Receiver — Link Linearity Test
	409-241-505	2	Net Loss Measurements
	409-241-506	2	Comparison Tests and Adjustments
	409-241-507	2	Signaling and Pilot Tone Levels
	409-241-508	2	Pilot Monitor Tests and Adjustments
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409-242 TJ Microwave Radio — Systems Tests — Heavy Loading

409-242-500	1	General
409-242-501	1	Initial Line-Up Test Sequence
409-242-502	1	Received Signal Level, IF, and Squelch Tests

Add 409-242-502 1
409-242-503 1 Transmitter-Receiver Link Deviation

409-242-504 2 Transmitter-Receiver — Link Linearity Test

409-242-505 1 Net Loss Measurements

409-242-506 2 Compandor Tests

409-242-507 1 Signaling and Pilot Tone Levels

409-242-508 1 Pilot Monitor Tests and Adjustments

409-242-509 2 Noise Loading Measurements

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409-300-100 3 General

409-300-101 3 Overall System

409-300-102 4 Transmitter-Receiver Bay

Add 409-300-103 1
409-300-103 1 Transmitter

409-300-104 2 Receiver

409-300-105 1 Power Supply

409-300-106 1 Diversity Switch

409-300-107 1 Order Wire and Alarm

409-301 Operation

409-301-300 1 Operation-Order Wire and Alarm

409-302 General Information

409-302-330 2 Periodic Test Intervals

409-302-500 2 General Maintenance

409-302-501 3 Transmitter-Receiver Bay — Checks and Trouble Location

409-302-502 1 Cabinet Equipment — Miscellaneous Items

409-303 System Tests

409-303-500 2 General

409-303-501 1 Transmission Measurement

409-303-502 1 Idle Noise

409-303-503 1 600-Circuit Noise Loading Tests for Message Systems

409-303-504 1 Envelope Delay and Linearity Tests

409-304 Transmitter Tests

409-304-500 1 General

409-304-501 2 Frequency and Linearity

409-304-502 1 Deviation

409-304-503 1 Baseband Amplifier

Add 409-304-504 1
409-304-504 3 Component and Subassembly Replacement

409-305 Transmitter-Receiver Equipment Tests

409-305-500 1 Component and Subassembly Replacement

409-306 Receiver Tests

409-306-500 2 General

409-306-501 2 Baseband Amplifier Gain Adjustment

409-306-502 2 AFC Alignment and In Service Checks

409-306-503 2 Received Signal Level

409-306-504 2 Squelch Circuit Alignment

Add 409-306-505 1
409-306-505 2 Miscellaneous Out Of Service Checks

409-306-506 3 Component and Subassembly Replacement

409-308 Power Supply Tests

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409-308-501 2 Voltage Checks

409-308-502 1 Component and Sub-Assembly Replacement

409-310 Order Wire and Alarm Tests

409-310-500 1 General

409-310-501 1 Alarm Circuit Checks

409-310-502 1 Level and Frequency Adjustments

409-310-503 1 Encoder

409-312 Diversity Switch Tests

409-312-500 1 General

409-312-501 2 Performance Checks, Alignment, and Unit Replacement

409-4 TL-2 AND TM-1 MICROWAVE RADIO

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409-400-101 2 TL-2 Overall System

409-400-102 4 TL-2 Transmitter-Receiver Arrangements

409-400-103 3 Transmitter

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409-400-125 2 Television Transmission Systems Equipped With J99296AC, AD, AE, and AH Video Panels

409-400-126 1 Television Transmission — J99296AJ and AK Video Panels

409-400-127 1 Hot Standby Transmitter Switch Control Panel — J99302BL

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409-401-300 1 Order Wire and Alarm

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409-402-500 4 General

409-402-501 3 Removing and Restoring Service

409-402-502 5 Transmitter Receiver Bay — Checks and Trouble Location

409-402-503 5 Building and Housing Equipment

409-402-504 3 TM-A1 Power Amplifier

409-403 System Tests

Add 409-403-500 1
409-403-500 4 General

409-403-501 4 Message Transmission

409-403-502 2 Television Transmission — Systems Equipped With J99296AC, AD, AE and AH Video Panels

409-403-503 1 Television Transmission — Systems Equipped With J99296AJ and J99296AK Video Panels

409-403-504 2 Idle Noise

409-403-505 1 600 Circuit Noise-Loading Tests for Message Systems

409-403-506 1 Envelope Delay and Linearity

Add 409-403-507 2
409-403-507 1 1200 Circuit Noise Loading Tests for Message Systems

409-404 Transmitter Tests

Add 409-404-501 1
409-404-501 3 Frequency and Linearity

409-404-502 3 Deviation

Add 409-404-503 1
409-404-503 3 Baseband Amplifier

409-404-504 4 Component and Subassembly Replacement

409-404-505 3 Power Output

Add 409-404-506 1
409-404-506 1 TM-B1 Power Amplifier — Tuneup and Replacement Procedures

409-404-507 2 TL-A2 Power Amplifier — Tuneup and Replacement Procedures

409-405 TM-A1 Power Amplifier

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409-406 Receiver Tests

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409-406-501 2 Baseband Amplifier Gain Adjustment

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409-406-505 5 Miscellaneous Out-of-Service Checks

409-406-506 1 Component and Subassembly Replacement

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409-412 Diversity Switch Tests

409-412-501 5 Diversity Switch Tests, Alignment, and Unit Replacement

409-412-502 1 Hot Standby Transmitter Switch Control Panel J99302BL — Tests, Alignment, and Subassembly Replacement

409-420 TL-2 Portable Microwave

Description

409-420-100 1 General

409-420-101 1 Overall System

409-420-102 1 Order Wire and Alarm

409-420-103 1 Television Transmission — 1992968F 1 Video Unit

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409-420-200 1 Installation and Operation

Tests

Add 409-420-500 1
409-420-500 1 General

409-5 TM-2/TM-2A MICROWAVE RADIO

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409-500-100 3 General

409-500-101 3 Overall System

409-500-102 3 Transmitter-Receiver Arrangement

409-500-103 2 Transmitter-Receiver Panel — Description

409-500-121 2 91A and 91B Power Units

509-500-122 1 220A Power Unit

409-502 General Maintenance Tests

409-502-500 3 General

409-502-501 4 Removing and Restoring Service

409-502-502 3 Transmitter-Receiver Panel — Checks and Trouble Location

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409-503-502 1 Television Transmission

409-503-503 1 Idle Noise

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409-503-504 1 1200-Circuit Noise Loading Tests for Message Systems

409-503-505 1 Envelope Delay and Linearity

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409-504-502 5 FM Transmitter Modulator and Microwave Amplifier

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409-506 Receiver Tests

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409-506-501 3 Local Oscillator

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409-506-503 3 IF Amplifier and FM Receiver

409-506-504 3 Component and Subassembly Replacement

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409-508-501 3 91A Power Unit and −19 Volt Regulator (ED 3C400-30)

409-508-502 3 Component and Subassembly Replacement

409-512 Hot Standby Switch

409-512-501 1 Receiver Tests, Alignment, and Subassembly Replacement

409-512-502 1 Transmitter — Control Panel — Tests, Alignment and Subassembly Replacement

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409-600-102 1 Basic Radio Order Wire

409-600-103 1 Radio and Common Alarms

409-600-104 1 2600-Hz Supply Circuit

409-600-105 1 Baseband Monitor, Switch, and Control for HF Pilot

409-600-106 1 Order Wire and Alarm Multiplex

409-600-107 2 Power Supply — Chargers and Battery

409-600-108 1 Short Haul Radio — 1A Radio Digital System Transmission

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409-600-500 1 General Maintenance

409-600-501 1 Baseband Access Panel

409-600-502 1 Basic Radio Order Wire

409-600-503 1 Radio and Common Alarms

409-600-504 1 2600-Hz Supply Circuit

409-600-505 1 Monitor, Alarm, and Switch Control Units for HF Pilot — Alignment and Subassembly Replacement

409-600-506 1 Equipment Tests — Order Wire and Alarm Multiplex

409-600-507 2 Installation and Maintenance — Power Supply — Chargers and Battery

409-600-508 2 Short Haul Radio — Equipment Tests — 1A Radio Digital System Transmission

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409-701-501 1 Short Haul Radio — In-Service Testing — Channel Net Gain and Baseband Response

409-702-500 1 Short Haul Radio — Out-of Service System Tests — General Test Information

409-702-501 1 Out-of-Service System Tests — Envelope Delay and Linearity

409-702-502 1 Short Haul Radio — Out-of Service System Tests — Channel Net Gain and Baseband Response

409-702-503 1 Short Haul Radio — Out-of Service System Tests — Thermal Noise and Spurious Tones

409-702-504 1 Short Haul Radio — System Tests — Noise Loading

409-702-505 1 Short Haul Radio — System Tests — Differential Phase and Gain

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- .2 FM Terminals
- .4 Transmitter-Receiver Bay
- .6 Automatic Protection Switching
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410-200-101 1 J68336A FM Transmitter

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410-200-102 1 J68336K FM Transmitter

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410-200-301 1 Placement In and Removal From Service

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410-200-501 2 In-Service Checks

Add 410-200-502 1
410-200-502 5 Supply Voltages and Filament Activity

410-200-503 2 Capacitor Check

410-200-510 1 Over-all Transmission

410-200-511 2 Test Charts

410-202 Control Panel

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410-202-512 1 Voltage and Resistance Tables

410-204 Video Amplifier

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410-204-502 1 Noise and Vibration Check

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410-204-515 2 J68336 FM Transmitter — Voltage and Resistance Tables

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Add 410-206-502 1
410-206-502 2 J68336 — Rest Frequency

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410-208-501 1 Limiter Action and Output Levels

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410-210 AFC Unit

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410-220-101 1 J68336D FM Receiver

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410-220-301 1 Placement in and Removal from Service

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410-220-501 2 Supply Voltages and Discriminator Tube Tests

410-220-502 3 J68336C FM Receiver — Capacitor Check

Add 410-220-509 1
410-220-509 2 Linearity and Limiter Bias

Add 410-220-510 1
410-220-510 1 Overall Transmission

410-220-511 1 Receiver Check When FM Transmitter not Available Locally

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410-222-511 1 Return Loss

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410-410-Transmitter-Receiver Bay

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410-410-500 7 Tests

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410-410-502 2 40-MHz Shifter

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410-602-506 5 Relay Sensitivity Check

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Add 410-602-508 1
410-602-508 3 Local IF Switch Operation

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410-602-510 1 Power Supply Voltages

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410-604 Channel Initiator

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Add 410-604-100 1
410-604-100 2 Description

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410-604-501 2 Filament Activity

410-604-502 1 Input Return Loss

410-604-503 1 IF Transmission Test

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410-608-100 2 Description

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410-608-300 2 Preparation for Service

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410-610 FM Transmitter Switching

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410-612-102 2 Pilot Detection

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Add 410-612-501 2
410-612-501 3 FM Terminal Switching — J68381BK, J68381BG and J68389AC IF Amplifiers

410-612-502 5 Baseband Amplifier-Rectifier

410-612-503 2 Metering Circuit

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410-612-505 1 Overall System

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410-700-501 1 Electron Tube Tests

410-700-502 1 Return Loss

410-700-503 1 Gain and Frequency Response

410-702 AFC Unit

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410-702-501 1 Return Loss

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410-710 Limiter-Detector

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410-710-501 1 Return Loss

410-710-502 1 IF Amplifier Gain and Frequency Response

410-710-503 2 IF Amplifier Interstage Alignment

410-710-504 2 J68336G — Frequency Response

410-710-505 1 Discriminator Adjustment

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410-720-500 4 Receiver Converter and J68330 IF Preamplifier

410-721-500 2 J68387F Receiver Modulator and IF Preamplifier

410-722-500 3 J68330 IF Preamplifier

410-724-500 4 J68330A IF Main Amplifier

410-724-501 1 J68330T IF Main Amplifier

410-726-500 3 IF Buffer Amplifier

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410-728-500 3 Transmitter Modulator

410-730-500 7 Transmitter Amplifier

410-731-500 1 88A Power Unit

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410-802-302 1 Waveguide Antenna System Restoration

Add 410-802-303 1
410-802-303 1 Temporary Single Antenna Operation for Emergency Use

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410-900) IF Auxiliary Equipment
410-904)
410-900 IF Switching and Distribution Amplifiers

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410-900-330 2 Periodic Test Intervals

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410-902 IF Auxiliary Amplifier

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410-902-100 2 Description

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410-902-300 3 Operation

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410-902-330 2 Periodic Test Intervals

410-902-500 3 Tests

410-904 IF Bridging Amplifier

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410-904-100 1 Description

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410-904-301 1 Placement In and Removal From Service

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410-904-330 1 Periodic Test Intervals

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410-904-501 3 Tests

410-910) Baseband Auxiliary Equipment
410-914)
410-910 Video Monitor Amplifier

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410-910-100 2 Description

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410-910-500 2 Tests

410-912 Patching and Monitoring Equipment

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410-912-100 2 Description

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410-912-300 2 Operation

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410-912-330 2 Periodic Test Intervals

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410-914-300 1 Operation

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-4 J68386A and J68386B Transmitter-Receiver Bays
-5 J68386G and J68386H Transmitter-Receiver Bays
-6 Hot Standby/Space Diversity — Overall Switching
-7 Maintenance Center
-8 Antenna Arrangements

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411-100-500 1 General Test Information

411-100-501 2 Envelope Delay Distortion

Add 411-100-503 1
411-100-503 1 Channel Net Gain and Baseband Response

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411-100-504 1 Thermal Noise and Spurious Tones

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411-100-506 1 Differential Phase and Gain

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411-402-503 2 J683870 40-MHz Oscillator-Shift Modulator

411-402-504 2 J683878 Microwave Generator and 4-GHz Multiplier

411-402-511 2 Impulse Noise Troubleshooting

411-402-512 3 Fade Margin Tests

411-402-513 1 Cross-Polarization Discrimination Test

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411-404-502 2 IF Return Loss Measurement

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411-404-504 1 J68387C Receiver Modulator — IF Preamplifier

411-404-505 1 Noise Figure

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Add 411-406-501 1
411-406-501 5 Transmitter Transmission Test

411-406-502 1 IF Return Loss Measurements

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411-406-504 4 J86835A Traveling Wave Tube Power Supply Tests and TWT Amplifier Replacement Procedure

411-5 J68386G AND J68386H TRANSMITTER-RECEIVER BAYS

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411-502-503 2 J68387W 40-MHz Oscillator and Shift Modulator

411-502-504 7 J683878-11 Microwave Generator

Add 411-502-505 1
411-502-505 1 70A Detector, 27A or 28A Integrated Circuit — Replacement

411-502-511 1 Impulse Noise Troubleshooting

411-502-512 3 Fade Margin Tests

411-502-513 1 Cross-Polarization Discrimination Test

411-504 Receiver Tests

411-504-501 4 Transmission

411-504-502 2 IF Return Loss Measurement

411-504-503 2 J68387P Receiver Modulator and IF Preamplifier

411-504-505 2 Noise Figure

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411-506 Transmitter Tests

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411-506-501 8 Transmission

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411-506-503 2 J68387U IF Driver Amplifier — Transmitter Modulator

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411-506-504 1 J86890A Traveling Wave Tube Power Supply Tests and TWT Amplifier Replacement

411-506-505 2 29A and 30A Integrated Circuit — Replacement

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411-704-500 1 J68387C Receiver Modulator — IF Preamplifier

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411-708-500 1 J68387S IF Main Amplifier

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411-712-500 2 J68387H IF Limiter

411-713-500 1 J68387T IF Limiter — Carrier Resupply

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411-714-500 1 IF Carrier Resupply

411-716-500 1 J68387E IF Driver Amplifier — Transmitter Modulator

411-717-500 2 J68387U IF Driver Amplifier — Transmitter Modulator

411-718-500 1 J68387D 40-MHz Oscillator-Shift Modulator

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411-720-500 1 J86835A Traveling Wave Tube Power Supply

411-721-500 1 J86890A Traveling Wave Tube Power Supply

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411-728-500 1 Transmitter-Receiver Control Units

411-729-500 1 J68387Y-1 and J68387Y-2 Meter Circuits

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2 FM Terminals
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4 Broadband Radio Channel
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412-100-501 4 Main and Terminal Station Levels

412-100-502 3 Envelope Delay Distortion and Passband Amplitude Equalization

Add 412-100-503 1
412-100-503 4 Fluctuation Noise and Spurious Tones

412-100-504 1 DADE Equalization — Out of Service

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412-100-506 1 Broadband and Auxiliary Channel — Received Signal Level Measurements

412-100-507 1 Noise Loading

412-100-508 2 RF Leakage

412-100-509 1 Carrier Frequency Measurements

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412-100-550 1 Auxiliary Channel Levels

412-100-800 5 Common Equipment — Mechanical Maintenance Procedures

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Add	412-210-501	1	
	412-210-501	2	IF Amplifier
	412-210-502	2	Video Amplifier Monitor
	412-210-503	2	IF Amplifier Limiter

412-220 FM Transmitter Tests

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Add	412-220-502	1	
	412-220-502	1	Video Amplifier
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	412-220-504	1	AFC Circuit
Add	412-220-505	1	
	412-220-505	1	Limiter-Discriminator
	412-220-506	1	Reference Oscillator
	412-220-507	1	Frequency Comparator
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	412-220-508	3	Overall Tests and Adjustments

412-230 FM Receiver Tests

	412-230-330	2	Periodic Test Intervals
	412-230-501	1	Placement In and Removal From Service
	412-230-502	2	Discriminator Video Amplifier
Add	412-230-503	1	
	412-230-503	2	Overall Checks

412-240 3B FM Transmitter

	412-240-100	1	Description
	412-240-301	1	Placement In and Removal From Service
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Tests Using 37H FM Terminal Test Set With 37J Test Panel

	412-240-500	2	General
	412-240-501	2	In-Service Checks
	412-240-502	3	3B FM Transmitter — IF and Oscillator Rest Frequencies
	412-240-503	2	Square-Wave Response
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	412-240-506	2	Deviation Sensitivity
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	412-240-508	2	Alarm Circuit Adjustments
	412-240-509	1	Fluctuation Noise and Spurious Tone Measurements
	412-240-510	1	Oven Temperature Control Circuit
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412-245 3B FM Receiver

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	412-245-301	1	Placement In and Removal From Service
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	412-245-501	1	In Service Checks
	412-245-502	2	Square Wave Response
	412-245-503	3	Gain, Frequency Response, Limiting Action and Alarm Circuit Adjustments
	412-245-504	2	Linearity
	412-245-505	2	Fluctuation Noise and Spurious Tone Measurements

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	412-300-100	2	General

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	412-300-330	3	Periodic Test Intervals
	412-300-500	4	General
	412-300-501	2	Low-Voltage Power Supplies
	412-300-502	3	14.8-MHz Supply
	412-300-503	5	Low-Frequency Generator
	412-300-504	5	High-Frequency Generator
	412-300-505	3	Low-Frequency Switching Unit
	412-300-506	1	High-Frequency Switching Unit
	412-300-507	3	J68403F Switching Control Circuit
	412-300-508	2	DC Amplifier

412-4 BROADBAND RADIO CHANNEL

412-400 Description

	412-400-101	1	Common Equipment
Add	412-400-102	2	
	412-400-102	2	Transmitter
	412-400-103	4	Receiver
	412-400-104	7	TH-1 Map-Up Equalization Bay

412-410 Common Equipment Tests

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412-410-502 4 29.7-MHz and 59.3-MHz Carrier Supply Modulators

412-410-503 2 444A Traveling Wave Tube Loss Measurements

412-420 Transmitter Tests

412-420-330 1 Periodic Test Intervals

412-420-500 1 General

412-420-501 11 Routine Tests

412-420-502 4 Turn-Off and Turn-On Procedures

412-420-503 6 IF Amplifier Limiter

Add 412-420-504 2
412-420-504 7 IF Carrier Resupply

412-420-505 6 Traveling Wave Tube Amplifiers

412-420-506 3 Transmitter Modulator

412-420-507 5 Transmission and Output Power

412-430 Receiver Tests

412-430-330 1 Periodic Test Intervals

412-430-501 5 Turnon and Turnoff Procedures

412-430-502 6 Preliminary Checks

412-430-503 6 Gain, Transmission, Noise Figure, Channel Monitor and 59.3-MHz Tone Measurement

412-430-504 5 Receiver Modulator and IF Preamplifier

412-430-505 3 IF Main Amplifier and AGC Circuits

412-430-506 2 Automatic Gain Control Circuit

412-430-507 1 Band-Elimination Filter

412-430-508 1 IF Carrier Resupply of the Following Transmitter

412-430-509 1 Receiver Space Diversity — Diversity Switch

412-440 Mop-Up Equalization Bay

412-440-501 3 Tests

412-450 Digital Service Tests

412-450-501 1 Impulse Noise Troubleshooting

412-450-502 3 Common Equipment Tests — Fade Margin Tests

412-450-503 1 Cochannel Tones and Cross Polarization Discrimination

412-460 Demand Maintenance

412-460-103 3 Transmitter Tests — Demand Maintenance

412-460-104 2 Receiver Tests

412-5 AUXILIARY CHANNEL

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Add 412-500-101 1
412-500-101 2 Transmitter-Receiver

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412-510 Transmitter-Receiver Tests

412-510-500 1 General

412-510-501 3 Placement In and Removal From Service

412-510-502 4 Preliminary Checks

412-510-503 2 Station Line-Up

412-510-504 2 Alarms

412-510-505 2 Receiver Modulator — IF Preamplifier

412-510-506 1 IF Amplifier-Detector and Baseband Amplifier, and Automatic Gain Control

412-510-507 2 Transmitter Modulator

412-510-508 1 Frequency-Shift Oscillator

412-510-509 1 Frequency-Shift Modulator

412-510-510 1 Traveling-Wave-Tube Amplifier

412-510-511 1 RF Power and Modulation Monitor Circuit — Placement in Service

412-520 Terminal Bay Tests

412-520-500 1 General

412-520-501 1 Placement In and Removal From Service

412-520-502 2 Preliminary Checks

412-520-503 4 ON-1 Carrier Terminal

412-520-504 2 J68402M Tone Reporter

412-6 AUTOMATIC PROTECTION SWITCHING

412-600 Overall System

Description

412-600-100 1 Overall System

412-600-101 1 IF Switching

412-600-103 1 Signaling — Tone and DC Reporting

412-600-106 2 Controls, Indicators, and Alarms

412-600-107 1 Automatic Exerciser

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412-600-300 1 Manual Operation

412-600-310 1 Automatic Exerciser

System Tests

412-600-502 2 Tone Line Levels

412-600-503 1 Switching Operation

412-600-504 3 Operational Failure

412-600-505 1 Timing

412-600-506 1 Status Tones

412-610 IF Switching Tests

412-610-501 2 8A Gate

412-610-502 2 IF Switch Control Circuit

Add 412-610-503 1
412-610-503 2 IF Carrier Supply

412-610-504 2 IF Amplifier

Add 412-610-505 1
412-610-505 2 IF Level Detector

412-620 Baseband Switching Tests

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412-620-502 1 Channel Switch Control Unit

412-620-503 1 Baseband Amplifier

412-620-504 1 Receiving Baseband Switch Unit

412-630 Signaling Circuit Tests

412-630-501 2 Tone Oscillator

412-630-502 4 Tone Detector

412-630-503 3 Noise Detector

412-640 Common Control Circuit Tests

Add 412-640-501 2
412-640-501 2 Transmitting and Receiving Logic Unit Tests

412-640-502 4 Transmitting and Receiving Logic Test Charts

412-640-503 3 DC Translator

412-640-504 1 Manual Switch Control

Add 412-640-505 1
412-640-505 1 Override Switch Control

412-640-506 1 Protection Channel Access Switch Control

412-640-507 1 Automatic Exerciser

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412-710 FM Transmitter Tests

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412-710-502 1 Limiter-Discriminator

412-710-503 1 Reference Oscillator

412-710-504 1 Frequency Comparator

412-710-505 1 Video Amplifier

412-720 FM Receiver Tests

412-720-501 1 Discriminator-Video Amplifier

412-730 Broadband Channel Transmitter Tests

412-730-501 3 IF Amplifier-Limiter

412-730-502 7 IF Carrier Resupply

412-730-503 2 Transmitter Modulator

412-740 Broadband Channel Receiver Tests

412-740-501 2 IF Main Amplifier

412-740-502 3 Receiver Modulator and IF Preamplifier

412-740-503 2 Automatic Gain Control

412-750 Microwave Carrier Supply Tests

412-750-501 1 14.8 Mc Oscillator

412-750-502 1 Frequency Comparator

412-750-503 1 Low Frequency Generator

412-750-504 2 252 Mc Carrier Supply Modulator

412-760 Auxiliary Channel Tests

412-760-500 1 General

412-760-501 1 59.3 Mc Carrier Supply Modulator

412-760-502 1 Automatic Gain Control

412-760-503 2 Receiver Modulator and IF Preamplifier

412-760-504 1 Frequency Shift Oscillator

412-760-505 1 IF Amplifier-Detector and Baseband Amplifier

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412-760-506 1 Transmitter Modulator

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412-770-501 2 29.7 Mc and 59.3-Mc Carrier Supply Modulators

412-770-502 1 IF Amplifier

412-770-503 1 J6840AP IF Amplifier Limiter

412-770-504 1 Video Amplifier Monitor

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412-802-300 1 Temporary Single Antenna Operation

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.4 Transmitter-Receiver Bay
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	413-100-100	3	Description
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	413-100-500	5	General Test Information
	413-100-501	2	Envelope Delay Distortion
	413-100-503	3	Channel Net Gain and Baseband Response
	413-100-504	4	Thermal Noise and Spurious Tones
	413-100-505	2	Noise Loading
	413-100-506	2	Differential Phase and Gain
	413-100-507	2	Differential Absolute Delay Equalization — Out-of-Service Procedure
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413-4 TRANSMITTER-RECEIVER BAY

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	413-400-500	5	General
	413-400-501	4	Level Diagrams
	413-400-502	5	IF Return Loss
	413-400-510	1	RF Leakage
	413-400-511	1	Impulse Noise Troubleshooting
	413-400-512	2	Fade Margin
	413-400-513	1	Cross-Polarization Test
	413-400-520	3	Bay Troubleshooting and Test Return to Service

Common Equipment Tests

	413-402-501	8	In Service Checks
	413-402-502	5	Carrier Level
	413-402-503	5	Alarms
	413-402-520	9	Microwave Generator and 6 GHz Multiplier
Add	413-402-521	1	
	413-402-521	2	Microwave Distribution Networks
Add	413-402-522	1	
	413-402-522	4	Shift Oscillator and Shift Modulator
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Add	413-404-500	1	
	413-404-500	7	Overall Transmission
	413-404-501	2	J68387S IF Main Amplifier
Add	413-404-502	1	
	413-404-502	1	Receiver Modulator — IF Preamplifier
	413-404-504	4	AM Noise Figure
	413-404-505	1	Testing and Replacing the 295A IF Switch

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	413-406-502	2	RF Squelch Initiator
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	413-406-520	8	464A and KS-21196 Traveling Wave Tube Amplifiers — Transmitter-Receiver Bay — Replacement and Turnon Procedure
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	413-600-500	2	Overall Switching — General
	413-600-501	2	Overall Switching — Tests
	413-600-502	2	Testing and Replacement of the J68434H Pilot Detector

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	413-700-502	1	Transmitter Receiver Bay Components — J68387S IF Main Amplifier
	413-700-506	1	Transmitter-Receiver Bay Components — J87279A −19 Volt, 4.0 Ampere Semiconductor Regulator
	413-700-509	1	Transmitter-Receiver Bay Components — J86913F Alarm Circuit

413-700-510 1 Transmitter-Receiver Bay Components — J68913E Meter Panel

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413-802-302 1 Temporary Single Antenna Operation

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3 Transmitter-Receiver Bays
4 Transmitter-Receiver Bays
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415-100-509 1 Carrier Frequency Measurements

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415-200-303 1 Operation With Portable Microwave Repeater

415-200-500 1 Tests — General

415-200-501 4 Level Diagram

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415-301-501 6 Overall Transmitter Tests Using J68345A Test Set

415-301-502 8 Overall Repeater Tests Using J68345A Test Set

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415-310-501 1 J68387W 40-MHz Oscillator and Shift Modulator

415-310-502 2 Receiver Tests — Received Modulator — IF Preamplifier

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415-310-504 2 J68387U IF Driver Amplifier — Transmitter Modulator — Transmitter-Receiver Bays

415-310-505 1 Transmitter Amplifier

415-310-506 1 27B or 28B Integrated Circuit Replacement

415-310-507 2 Hot-Standby or Hot Standby/Space Diversity — RF Switch Test and Replacement

415-310-508 1 Receiver Space Diversity — Diversity Switch

415-310-511 1 Transmitter Receiver Bays — Common Equipment Tests — Impulse Noise Troubleshooting

415-310-512 2 Fade Margin Tests Using J68345A Test Set

415-310-513 1 Transmitter Receiver Bays — Common Equipment Tests — Cross-Polarization Discrimination Test

415-310-520 2 IF Return Loss Measurements

415-310-521 1 J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68345A Test Set

415-4 TRANSMITTER-RECEIVER BAYS

415-401-500 6 Overall Receiver Tests Using J68392A Test Set

415-401-501 5 Overall Transmitter Tests Using J68392A Test Set

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415-410-500 4 J683878-2 Microwave Generator

415-410-501 1 J68387W 40-MHz Oscillator and Shift Modulator

415-410-502 2 Receiver Tests Using J68392A Test Set — Received Modulator — IF Preamplifier

415-410-504 2 J68387U IF Driver Amplifier—Transmitter Modulator—Transmitter-Receiver Bays

415-410-505 1 Transmitter Amplifier

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415-410-513 1 Common Equipment Test Cross — Polarization Discrimination Test

415-410-520 1 J68386J, K, L, M, N, and P — Transmitter and Receiver Tests Using the J68392A Test Set IF Return Loss Measurement

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415-510-512	2	Fade Margin Tests Using J68428A Test Set
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415-510-521	1	J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68428A Test Set

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1 End-to-End Baseband Protection Switching
2 End-to-End IF Protection Switching
3 Hot Standby/Space Diversity Systems
5 Transmitter-Receiver Panel

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416-200-500	3	General System Tests
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416-200-501	1	System Tests — Envelope Delay Distortion
416-200-502	1	System Tests — Channel Net Gain and Baseband Response
416-200-503	1	System Tests — Thermal Noise and Spurious Tones
416-200-504	2	Test Information — Noise Loading
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416-500-100	1	Description

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	416-500-500	1	Tests — General
	416-500-501	1	Tests — Level Diagrams
	416-500-502	3	Tests — In-Service Checks
	416-500-504	2	Alarm and Meter Panel Test
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	416-510-501	1	Receiver Tests — Receiver Modulator — IF Preamplifier
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	416-510-502	1	Receiver Tests — IF Main Amplifier
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	416-510-504	2	Receiver Tests — AM Noise Figure
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	416-520-500	3	Transmitter Tests — Overall Power Level
	416-520-501	1	Transmitter Tests — IF Limiter-Driver Amplifier/Transmitter Modulator
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-1 3A-RDS

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	417-101-301	2	Radio Line Terminating Frame — Initial Lineup or Channel Addition
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420-211-504 2 Linearity

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420-213-500 2 Description and Maintenance — J68418C Portable Housing

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420-215-503 3 Gain Frequency Response, and Limiting Action

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420-216 5A FM Terminal BB Modem

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420-216-301 1 Placement In and Removal From Service

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420-216-503 1 J68418F — Transmitter — IF Flatness, Linearity, and Delay

420-216-504 1 J68418F — Receiver Linearity and Delay

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420-217-503 1 J68418G — IF Deviation Shifter — Transmitter — IF Flatness, Linearity, and Delay

420-217-504 1 J68418G — IF Deviation Shifter — Receiver Linearity and Delay

420-217-505 2 Gain Frequency Response, and Limiting Action

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DIVISION 473 — INTRA-PBX PROTECTION OF SERVICE, CODE CALLING, CUSTOMER TRAINING, DISPATCHING, EMERGENCY REPORTING, INTERFACE TRUNKS, MESSAGE WAITING, RECORDED TELEPHONE DICTATION, TELEPHONE ANSWERING SYSTEMS, AND TRANSMITTER TRANSFER — CUSTOMER EQUIPMENT

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-3
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-5 Telephone Answering Systems — Sections Common to Customer and Central Office Equipment
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502-612-411 5 2638- and 2639-Type — Connections and Maintenance

502-612-425 6 2682- and 2683-Type — Connections and Maintenance

502-617 600 Series Card Dialers

502-617-400 3 660-Type

502-617-401 1 661 Type

Add 502-617-402 1
502-617-402 2 662-Type

502-617-403 2 663-Type

502-617-404 2 664-Type

502-617-405 1 660A1M

502-617-406 1 662A1M

502-618 1600 Series Card Dialers

502-618-400 1 1660-Type

502-618-402 1 1662-Type

502-618-403 1 1663-Type

502-618-404 1 1664-Type

502-619 2600 Series Card Dialers

502-619-400 2 2660-Type

502-619-402 2 2662-Type

502-619-403 1 2663A1

502-619-404 2 2664-Type

502-619-405 2 2660A1M

502-619-406 2 2662A1M

502-650 Telephone Sets — CALL-A-MATIC®

Add 502-650-100 1
502-650-100 2 1671A-Type — Identification, Installation, Operation, Maintenance, and Connections

502-690-100 1 F-58554

502-690-101 1 F-58555 — Identification, Installation, Connections, and Maintenance

502-7 TELEPHONE SETS — 700, 1700, 2700 SERIES

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502-700 750, 1750, and 2750 Series

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502-701 700 Series

502-701-100 9 Reference — 702B and 702BM Telephone Sets — Identification, Installation, Connections, and Maintenance

Add 502-701-101 1
502-701-101 3 References — 712B and 712BM Telephone Sets

Add 502-701-103 1
502-701-103 5 References — 701D, 702D, 711B, 713B, and 713BM Telephone Sets — Identification, Installation, Maintenance, and Connections

502-702 1700 Series

502-702-100 1 1702B

502-702-101 1 1712B

502-702-103 2 1702D and 1713B

502-703 2700 Series

Add 502-703-100 1
502-703-100 8 Reference 2702B, 2702BM, and 2702BMG Telephone Sets — Identification, Installation, Maintenance, and Connections

502-703-101 6 Reference — 2712B and 2712BM — Identification, Installation, Maintenance, and Connections

502-703-103 5 2702D, 2702DM, 2713B, and 2713BM — Identification, Installation, Maintenance, and Connections

502-705 750 Series

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502-705-101 2 Reference — 751-Type Telephone Sets

502-705-102 2 752 and 754-Type

502-705-103 1 753-Type

502-706 1750 Series

502-706-100 1 1750-Type

502-706-101 1 1751-Type

502-706-102 1 1752-Type

502-706-103 1 1753-Type

502-707 2750 Series

502-707-108 5 Reference — 2750 Type Telephone Sets

502-707-101 3 Reference — 2751 Type Telephone Sets

502-707-102 4 2752- and 2754-Type Telephone Sets — Identification

502-707-103 1 2753 Type

502-72 700, 1700, 2700 Service Practices

502-721-401 3 701B

Add 502-721-402 2
502-721-402 7 702B and 702BM — Connections

502-722-401 3 1702B

502-723-401 10 2702B, 2702BM, and 2702BMG Telephone Sets — Connections

502-724-401 4 712B and 712BM

502-725-401 2 1712B

502-726-401 5 2712B and 2712BM

502-727-401 2 701D

502-727-402 7 702D

502-727-403 2 711B

502-727-404 6 Service — 713B and 713BM — Connections

502-728-401 4 1702D

502-728-402 2 1713B

502-729-401 6 2702D and 2702DM

502-729-402 6 2713B and 2713BM — Connections

502-73 750, 1750, 2750 Service Practices

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502-731-401 2 1750A/B

502-732-401 7 Service 2750A, 2750B, 2750AM, 2750BM, 2750AMG, and 2750BMG Telephone Sets — Connections

502-733-401 3 Service — 751 Type Telephone Sets

502-734-401 2 1751C and D

502-735-401 4 Service — 7751 Type Telephone Sets — Connections

502-736-401 2 752-Type

502-736-402 2 754-Type

Add 502-737-401 1
502-737-401 1 1752-Type

502-738-401 4 2752-Type

502-738-402 8 2754-Type

502-739-401 2 753A and B

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Reference

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Service

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-3 Telephone Sets — 0- and 1-Button Desk, Wall and Panel Types
-5 Telephone Sets — Automatic Dialers
-6 Telephone Sets — 6-Button Desk, Wall and Panel Types
-7 Telephone Sets — 10- and 20-Button Desk and Wall Types
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503-300-101 5 2870A1M and 2870A2M TOUCH-A-MATIC* 32 Telephone Set — Identification, Installation, Connections, Operation, and Maintenance

503-301-100 5 960A01M — TOUCH-A-MATIC 16 Telephone Set — Identification, Installation, Connections, Operation, and Maintenance

503-301-101 5 2960A01M — TOUCH-A-MATIC 16 Telephone Set — Identification, Installation, Connections, Operations, and Maintenance

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503-400-100 2 5001101A TOUCH-A-MATIC Telephone Set, 5 Series — Identification, Installation, Connections, Operation, and Maintenance

503-400-200 2 5011701A TOUCH-A-MATIC Telephone Set, 5 Series — Identification, Installation, Connections Operation, and Maintenance

503-403-101 1 7104A01A Telephone Set — Identification, Installation, Operation, and Maintenance

503-450-101 1 CS5061U01A.148 Telephone Set Description GENESIS* Telesystem Identification, Installation, Connections, and Maintenance

503-450-103 1 CS300A1 Circuit Module (Custom Calling Convenience Cartridge) GENESIS* Telesystem Identification, Installation, and Maintenance

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503-5 TELEPHONE SETS — AUTOMATIC DIALERS

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503-603-101 6 2872A1M or 2872A2M TOUCH-A-MATIC 32 Telephone Sets Identification, Installation, Connections, Operation, and Maintenance

503-603-102 4 872A1M TOUCH-A-MATIC Telephone Set — Identification, Installation, Connections, Operations, and Maintenance

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503-7 TELEPHONE SETS — 10- AND 20-BUTTON; DESK AND WALL TYPES

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503-701-101 10 830- and 2830-Type — Identification, Installation, Maintenance, and Connections

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-4 Coin Telephone Sets
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-9 Public Service Maintenance Check

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510-205-400	1	Subscriber Sets — 634YD — Local Battery — Used With Coin Collectors — Connections
510-205-401	1	Subscriber Sets — 6344E — Local Battery — Connections
510-210-400	1	Coin Collectors — Prepay — 155Cl, Dl, Gl, Hl — Local Battery — Connections
510-210-401	1	Coin Collectors — Prepay — 166Cl, Dl, Gl, Hl — Local Battery — Connections
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510-3 STATION SETS — MAGNETO AND SUBSCRIBER SETS — MAGNETO

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510-310-200	1	Station Sets — Magneto — Western Electric Company — Installation
510-310-300	1	Station Sets — Magneto — Subscriber Sets — Magneto — Maintenance
510-310-400	1	Subscriber Sets — Ringers Only — Nonpolarized — Magneto — Connections
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510-320-402	1	Hand Telephone Sets — 202H — Magneto — Connections
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510-4 COIN COLLECTORS — MAGNETO AND SUBSCRIBER SETS — MAGNETO COIN COLLECTOR

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510-410-402 1 Subscriber Sets — 415H and CD — Magneto — Used With Coin Collectors — Connections

510-420-400 1 Coin Collectors — Postpay — 150F, L; 162A, B, C, D — Manual — Magneto — Connections

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510-810-100 5 Telephone Sets — 331 Type — Portable

510-870-100 2 Telephone Set — F-50682 — Ground Observer's Telephone

510-830-100 1 Telephone Set, KS-19348, List 1 — Mine Station, Nonexplosive Atmosphere — Magneto

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DIVISION 512 — AUTOMATIC DIALERS, STATION KEYS, EQUIPMENT, INTERPHONE SYSTEMS, MODULAR UNITS, AND SPEAKERPHONE SYSTEMS

512-0 Indexes
- -1 Automatic Dialers
- -2 Station Keys
- -3 Key Equipment
- -5 Interphone Systems
- -6 Speakerphone and Speaker Systems
- -7 Speakerphone System 8 Type

512-0 INDEXES

♠ 512-000-000 41 Index — Division 512 — Automatic Dialers, Station Keys, Key Equipment, Interphone Systems, Modular Units, and Speakerphone Systems

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512-115-100 4 KS-16844 Rapidial® — Identification, Installation, Operation, Connections, and Maintenance

512-120-101 3 F-56105 Telephone Set Using KS-16844 Rapidial — Identification, Operation, Installation, and Connections

512-120-102 2 F-56105 Telephone Set for Howard Johnson Motor Hotel Chain — Identification

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512-125-100 2 KS-19594 Dialer Description and Operation

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512-125-300 3 KS-19594 Dialer — Maintenance

512-125-400 6 KS-19594 Dialer — Telephone Sets Equipped With Rotary Dials — Connections

512-125-410 3 KS-19594 Dialer — Telephone Sets Equipped With TOUCH-TONE® Dials — Connections

512-125-430 2 KS-19594 Dialer — Switchboard and Magaphone Key Equipment — Connections

Add 512-126-100 1
512-126-100 1 F-56503 Type Telephone Set Using KS-19593 Dialer, Identification, Operation, Installation, Connections, and Maintenance

512-199-100 1 Repertory Dial — Dialer, MITRE No. 5 System — Identification, Installation, Connections, Operations and Maintenance

512-2 STATION KEYS

Add 512-210-101 1
512-210-101 4 601F, 602G, KS-21256 and KS-21776 Type Separately Mounted Keys — Identification, Installation, and Connections

512-210-102 1 Separately Mounted Keys, Nonilluminated Pushbutton — 6021, 6022, 6023, 6027, and 6028 Types — Identification, Installation and Connections

512-210-103 6 6040, 6041, 6050, and 6051 Type Separately Mounted Keys — Identification, Installation, and Connections

512-215-110 1 2030A Key for Customers With Impaired Hearing

512-220-100 7 549 and 551 Type Pushbutton Keys — Identification, Installation, Maintenance, and Connections

512-230-100 9 Modular Keys, Lamp Sockets, and Transmitters (KS Type Connector Equipped)

512-230-101 9 Modular Keys, Lamp Sockets, and Transmitters (Terminal Plug Receptacle Equipped) — Identification, Installation, and Maintenance

512-230-102 1 Modular Units — Transmitters and Speakerphone Controls

512-230-103 2 Modular Units — Flashing and Release Keys

512-230-104 1 Multiline Conferencing (Key Conversion or Replacement)

512-240-100 8 Key Mountings — 400-, 1400-, and 2400 Series — 30, 60, 90, and 120 Line Sizes — Identification and Selection

Add 512-240-101 1
512-240-101 4 Key Mountings — 400-, 1400-, and 2400 Series — 6, 12, and 18 Line Sizes — Identification and Selection

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512-240-200	9	Key Mountings — 400-, 1400-, and 2400 Series — 30, 60, 90, and 120 Line Sizes — Installation and Maintenance
512-240-201	5	400-, 1400-, and 2400 Series Key Mountings — 6, 12, and 18 Line Sizes — Installation and Maintenance
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512-310-401	1	1A — (Local Battery Talking — Common Battery Signaling) — Connections
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512-510-412	2	1A Home — 754-Type Telephone Set — Connections and Maintenance
512-510-421	1	1A (Home) — 1511-Type Telephone Sets — Connections and Maintenance
512-510-423	1	1A Home — 1558D Telephone Set — Connections and Maintenance
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512-510-446	1	1A (Home) — 27128 Telephone Sets — Connections and Maintenance
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Trademark of the American Telecommunications Corporation

†Trademark of AT&T

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551-100-212 3 House and Feeder Cables — From Modules 1 and 2 — Method of Connecting to Cross-Connecting Terminal

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551-139-210 3 Station Message Register Pulse and Surcharge Circuit SD-5E021-01 — Identification, Installation, and Connections

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551-144-210 5 Miscellaneous Equipment — Tie Trunks, Loudspeaker Paging Trunk, Recorded Telephone Announcement Trunk, 3A Code Call Unit, Busy Verification Auxiliary Trunk, and Auxiliary Position Circuit for Remote Trunk Answer From any Station — Installation Information

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	551-206-215	3	House and Feeder Cables — Attendant Telephone Console — Position No. 1 — Direct Trunk Termination — Method of Connecting PBX to Cross-Connecting Terminal
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	551-216-210	4	1- and 2-Type Telephone Consoles — Direct Trunk Termination — Connections
	551-216-215	4	1- and 2-Type (A and M) Telephone Consoles — Switched Loop Operation — Connections
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	551-216-220	1	Attendant Equipment — Multiple Attendant 1- and 2-Type Telephone Consoles — 1-Type Selector Console — Direct Trunk Termination Method of Connecting Consoles to Cross-Connecting Terminals
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	551-234-211	2	Auxiliary Position Circuit SD-66874-01 (Trunk Answer Any Station) — Non-Plug-In Arrangement — Identification, Installation, and Connections
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	551-263-501	2	Attendant Trunk, Loop, and Controller Circuit SD-66737-01 — Operation Tests — Incoming Call Identification and Trunk Group Busy Circuit Tests
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	551-274-210	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder Connections
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	551-275-501	1	Dial Conference Trunk Circuit Meet-Me Type SD-66761-01(MD) — Operation and Transmission Tests
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	551-277-501	1	Executive Trunk Circuit SD-1E010-01 With Ringback and Camp-on Tone Signal — Operation Tests
	551-279-501	2	Station Dial Transfer Controller Circuit SD-66753-01 and Transfer Trunk Circuit SD-66752-01 — Operation Tests
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551-416-500 1 Flutter-flash Lamp Signal Supply Circuit SD-67076-01 — Operation Tests

551-420) No. 758B PBX
551-440)

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551-438-501 1 Timing Circuit SD-67015-01 — Operation Tests

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551-456-501 1 Link and Select Magnet Connector Circuit SD-65913-01 — Operation Tests

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551-464-501 1 Interrupter Circuit SD-65923-01 — Operation Tests — 758A and 758B PBX

551-466-501 1 Traffic and Trouble Registers — Operation Tests — 758A and 758B PBX

551-470 No. 758A/B PBX

551-470-300 1 Console Circuit SD-65925-01 — Method of Operation

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551-470-500 1 Alarms — Operation Tests

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551-470-502 1 Marker Circuit SD-65912-01 — Circuit Tests

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551-470-508 1 Traffic and Trouble Registers — Operation Test — Switching System

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551-510-500 4 Alarms — Operation Tests

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551-512-300 4 Call Progress Indicator SD-67058-01 — Method of Operation

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551-512-500 2 Call Progress Indicating Circuit SD-67058-01 — Operation Tests

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551-518-500 2 Register-Sender SD-67045-01 (A&M Only) — Register Sender SD-67077-01 — Operation Tests Using Register-Sender Test Set SD-67049-01 (J58845M)

551-518-502 1 Register-Sender SD-67090-01 — Operation Tests Using Register-Sender Test Set SD-67092-01 (J58845M)

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551-530-500 2 Plant and Traffic Register Circuit SD-67059-01 — Operation Tests

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551-533-500 2 4-Wire Station Line Circuit SD-67053-01 — Operation Tests

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551-534-500 1 Line Pickup Circuit SD-65916-01 — Operation Tests

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551-540-500 1 Pre-Emption and Continuity Test Trunk SD-67034-01 — Operation Tests

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551-548-500	1	No-Test Connector Trunk Circuit SD-67064-01 Operation Tests
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551-560-300	1	Billing Information Transmitter (BIT), BIT Performance Monitor and Load Detection Circuit — Maintenance Procedures — 758C Switching System Used With Switched Digital Data System (SDDS)
551-561-500	2	Digital line Circuit (SD-73095-01), Digital Test line Circuit (SD-73099-01), and Dial Tone Speed Measuring Circuit (SD-73103-01) — Operation Tests — For Switched Digital Data System (SDDS)
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551-567-500	1	Test and Connector Circuit SD-67107-01 — Operation Test — 758C Switching System Used With Switched Digital Data System (SDDS)
551-568-300	1	Description and Method of Operation — Call Progress Indicator Circuit SD-67117-01, Trouble Recorder Interface Circuit SD-67104-01, and Trouble Recording Arrangement for 758C Switching System for Switched Digital Data System (SDDS)
551-569-500	1	Alarms — Operation Tests — Switched Digital Data System (SDDS)

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	551-710-501	1	Alarm and Transfer Circuits — Circuit Tests
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592-017-300	2	205A — Transmitter-Receiver — Used on Private Service Systems — Switching System No. 307 — Maintenance
592-017-301	2	205B Type — Transmitter-Receiver — Maintenance
592-017-302	2	205C Type — Transmitter-Receiver — Maintenance
592-017-500	3	205A — Transmitter-Receiver — Used on Private Service Systems — Test Procedures
592-017-501	3	205B-Type — Transmitter Receiver — Test Procedures
592-017-502	3	205C2 — Transmitter-Receiver — Test Procedures

592-018 202E-Type

Add 592-018-100	1	
592-018-100	3	Description and Operation
592-018-150	2	Transmitter — Theory of Operation and Supplementary Information
592-018-200	4	Transmitter — Installation and Connections
592-018-300	3	Transmitter — Maintenance
Add 592-018-500	1	
592-018-500	4	Test Procedures

592-019 203A-, B-, and C-Types

Add 592-019-100	1	
592-019-100	3	203 Type — Description and Operation
592-019-180	3	203-Type — Transmitter Receiver Summarizing Specification — Data Systems
Add 592-019-200	1	
592-019-200	4	203-Type — Installation and Connections
592-019-300	2	203 Type — Maintenance
592-019-500	3	203-Type — Test Procedures

592-020 207-Type

Add 592-020-100	2	
592-020-100	1	Transmitter-Receiver — Identification and Operation
Add 592-020-150	1	
592-020-150	1	Transmitter Receiver — Theory of Operation and Supplementary Information
592-020-200	2	Transmitter-Receiver — Installation and Connections

592-020-300 1 Transmitter-Receiver — Maintenance

Add 592-020-500 1
592-020-500 2 Transmitter Receiver — Test Procedures

592-022 202G-Type

592-022-100 1 Transmitter — Description and Operation

592-022-180 1 Transmitter — Summarizing Specification Data Systems Station

592-023 202H-Type

592-023-180 1 Receiver Summarizing Specification Data Systems Station

592-024 202M-Type

592-024-180 2 Receiver Only — Summarizing Specification Data Systems Station

592-025 202R-Type

592-025-100 2 Transmitter-Receiver — Description and Operation

592-025-150 2 Transmitter-Receiver — Theory of Operation and Supplementary Information

592-025-180 1 Transmitter Receiver — Summarizing Specifications Data Systems

592-025-200 3 Transmitter-Receiver — Installation and Connections

592-025-300 1 Transmitter Receiver — Maintenance

Add 592-025-500 1
592-025-500 1 Transmitter-Receiver — Test Procedures

592-026 A1 Digital Data System

592-026-100 1 Four Phase Transmitter Receiver — Identification

592-027 208A-Type

592-027-100 4 Transmitter-Receiver — Description and Operation

592-027-150 1 Supplementary Information

592-027-180 2 Transmitter-Receiver — Summarizing Specification — Data Systems

592-027-200 5 Transmitter Receiver — Installation and Connections

592-027-300 4 Transmitter-Receiver — Maintenance

592-027-400 1 Transmitter-Receiver — Wiring Information

592-027-500 4 Transmitter-Receiver — Test Procedures

592-027-501 2 Transmitter-Receiver — Test Procedures Using 921A Data Test Set

592-028 202S-Type

592-028-100 3 Transmitter-Receiver — Description and Operation

592-028-150 1 Transmitter Receiver — Supplementary Information

592-028-160 2 Transmitter-Receiver — Summarizing Specification — Data Systems

592-028-200 3 Transmitter Receiver — Installation and Connections

592-028-300 2 Transmitter-Receiver — Maintenance

592-028-500 3 Transmitter-Receiver — Test Procedures

592-028-501 2 Transmitter-Receiver — Test Procedures Using 921A Data Test Set

592-028-502 1 Testing Data Set 202S From Field Locations — Using 1IF005 Automatic Data Test System (ADTS)

592-029 201C-Type

592-029-100 2 Transmitter-Receiver — Description and Operation

Add 592-029-110 1
592-029-110 1 Transmitter Receiver — Description and Operation

592-029-150 1 Transmitter Receiver — Description and Operation

592-029-150 1 Transmitter Receiver — Supplementary Information

592-029-200 2 Transmitter-Receiver — Installation and Connections

Add 592-029-210 1
592-029-210 1 Transmitter Receiver — Installation and Connections

592-029-220 1 Transmitter Receiver — Installation and Connections

592-029-300 2 Transmitter Receiver — Maintenance

Add 592-029-500 1
592-029-500 2 Transmitter Receiver — Test Procedures Using 914-Type Data Test Set

592-029-501 2 Data Set 201C-11 — Transmitter-Receiver — Test Procedures Using 921A Data Test Set

592-029-510 1 Transmitter Receiver — Test Procedures

592-029-511 1 Data Set 201C-11C — Transmitter Receiver — Test Procedures Using 921A Data Test Set

592-029-512 1 Testing Data Set 201C-11C From Field Locations — Using 1IF005 Automatic Data Test System (ADTS)

592-029-520 1 Transmitter-Receiver — Test Procedures and Maintenance

592-029-521 1 Data Set 201C-11D — Transmitter-Receiver — Test Procedures Using 921A Data Test Set

592-030 208B-Type

592-030-100 3 Transmitter Receiver — Description and Operation

592-030-150 2 Transmitter Receiver — Supplementary Information

592-030-180 2 Transmitter Receiver — Summarizing Specification — Data Systems

592-030-200 3 Transmitter Receiver — Installation and Connections

592-030-300 3 Transmitter Receiver — Maintenance

592-030-500 3 Transmitter Receiver — Test Procedures Using the 914 Type Data Test Set (DTS)

592-030-501 2 Data Set 208B Type — Transmitter Receiver — Test Procedures Using the 921A Data Test Set

592-030-502 1 Testing Data Set 208B Type From Field Locations — Using 1IP005 Automatic Data Test System (ADTS)

592-031 202T-Type

592-031-100 3 Transmitter-Receiver — Description and Operation

592-031-150 1 Transmitter-Receiver — Supplementary Information

592-031-180 1 Transmitter-Receiver — Summarizing Specification — Data Systems

592-031-200 4 Installation and Connections — Transmitter Receiver

592-031-300 2 Transmitter-Receiver — Maintenance

592-031-500 3 Transmitter-Receiver — Test Procedures and Maintenance

592-031-501 2 Transmitter Receiver — Test Procedures Using 921A Data Test Set

592-032 209A-Type

592-032-100 1 209A-11 — Transmitter-Receiver — Description and Operation

592-032-180 1 Transmitter Receiver — Summarizing Specification — Data System

592-032-200 1 209A-11 — Transmitter-Receiver — Installation and Connections

592-032-300 1 209A-11 — Transmitter-Receiver — Maintenance

Add 592-032-500 1
592-032-500 1 209A-11 — Transmitter Receiver — Test Procedures

592-032-501 2 209A-11 — Transmitter Receiver — Test Procedures Using 921A Data Test Set

592-033 201D-Type

592-033-100 2 Identification

592-033-180 1 Transmitter/Rereiver — Summarizing Specification — Data Systems

592-034 212A Type

592-034-100 2 212A-11A/2A — Transmitter/Receiver — Description and Operation

592-034-200 2 212A-11A/2A Transmitter Receiver — Installation and Connections

592-034-500 2 212A-11A/2A — Transmitter/Receiver — Test Procedures

592-034-501 1 Transmitter/Receiver — Test Procedures Using 921A Data Test Set

592-034-502 1 Data Set 212A—Testing From Field Locations Using 1IP005 Automatic Data Test System (ADTS)

592-035 48230 Local Area Data Set

592-035-100 1 Description

592-035-200 1 Installation and Connections

592-035-300 1 Maintenance and Test Procedures

592-036 201CR-L1C Transmitter-Receiver — Single Set

592-036-100 1 Description and Operation

592-036-200 1 Installation and Connections

592-036-500 1 Test Procedures Using 914-Type Data Test Set

592-036-501 1 Test Procedures Using 921A Data Test Set

592-037 202SR Transmitter-Receiver — Single Set

592-037-100 1 Description and Operation

592-037-200 2 Installation and Connections

592-037-500 1 Test Procedures and Maintenance

592-037-501 1 Test Procedures Using 921A Data Test Set

592-038 208BR-L1C Transmitter-Receiver

592-038-100 1 Description and Operation

592-038-200 2 Installation and Connections

592-038-500 1 Test Procedures Using the 914-Type Data Test Set (DTS)

592-038-501 1 Test Procedures Using 921A Data Test Set

592-039 212AR-L1A/2A

592-039-100 1 Description and Operation

592-039-200 1 Installation and Connection

592-039-500 1 Test Procedures

592-039-501 1 Test Procedures Using 921A Data Test Set

592-040 DATAPHONE II Service

592-040-120 1 Private Line Data Sets 2024, 2048, and 2096 — Description and Operation — Stand Alone — Multiple

592-040-220 1 Private Line Data Sets 2024, 2048, and 2096 — Installation and Connections — Stand Alone — Multiple

592-040-221 1 Private Line Data Set 2096C Installation and Connections Stand Alone — Multiple

592-040-520 1 Private Line Data Sets 2024, 2048, and 2096 — Test Procedures — Stand alone — Multiple

592-100 200A Data Control Unit

592-100-100 1 Description, Installation, Maintenance, and Tests

592-101 2100A Data Control Unit

592-101-100 2 (Diagnostic Console) — Description and Operation — DATAPHONE II Service

592-101-200 2 (Diagnostic Console) — Installation and Connections — DATAPHONE II Service

592-101-500 1 (Diagnostic Console) — Test Procedures — DATAPHONE II Service

592-102 2200A Data Control Unit

592-102-100 1 2200A Data Control Unit (Network Controller) — Description and Operation — DATAPHONE II Service

592-102-101 1 2200A-11A Data Control Unit (Network Controller) — Description and Operation — DATAPHONE II Service

592-102-200 1 2200A Data Control Unit (Network Controller) — Installation and Connections — DATAPHONE II Service

592-102-201 1 2200A-11A Data Control Unit (Network Controller)—Installation and Connections—DATAPHONE II Service

592-102-500 1 2200A Data Control Unit (Network Controller) — Test Procedures — DATAPHONE II Service

592-102-501 1 2200A-11A Data Control Unit (Network Controller)—Test Procedures—DATAPHONE II Service

592-800 DATASPEED® Tape-to-Tape Systems

592-800-100 5 Type 1 and Type 2 Tape Senders and Receivers — Description and Operation

592-800-102 2 Type 3

592-800-103 1 With Error Detection and Correction) — Type 4 — Description

592-800-110 1 High Speed Tape Writer — Description, Installation, Maintenance, and Principles of Operation

592-800-400 5 Type 1 and Type 2 Tape Senders and Receivers — Electronic Circuitry — Schematic Diagrams and Circuit Board Drawings

Add 592-800-401 1
592-800-401 5 Type 1 and Type 2 Tape Sender and Receiver — Electronic Circuitry — Actual Wiring Diagrams

592-800-702 1 Tools and Maintenance Supplies

592-801 High Speed Tape Reader (CX Type)

592-801-100 6 Description and Principles of Operation

592-801-200 1 Installation

592-801-700 6 Adjustments

592-801-701 6 Lubrication

592-801-702 5 Disassembly and Reassembly

592-802 High Speed Tape Punch (BRPE Type)

592-802-100 4 General Description and Principles of Operation

592-802-700 5 Adjustments

592-802-701 4 Lubrication

592-802-702 4 Disassembly and Reassembly Printers

592-802-800 4 Parts

592-802-801 7 Base (BRPE84 and Up) and Cover (BRPE1) — Parts

592-802-802 1 (BRPE1 to BRPE51 Base (BRPE82 to BRPE84) and Cover

592-803 High Speed Tape Punch (DRPE Type)

592-803-100 3 Unit (DRPE Type) — Description and Principles of Operation

592-803-400 3 Unit (DRPE Type) — Wiring Diagrams

592-803-700 4 Unit (DRPE Type) — Adjustments

592-803-701 3 Unit (DRPE Type) — Lubrication

592-803-702 3 Unit (DRPE) — Disassembly and Reassembly

592-803-800 8 Parts

592-803-801 2 Type 4 — Parts

592-804 High Speed Tape Reader (DX Type)

592-804-100 4 Description and Principles of Operation

592-804-110 1 PDI and PTI Interface — Description and Principles of Operation

592-804-300 2 Troubleshooting

592-804-310 1 PDI and PTI Interface — Troubleshooting

592-804-400 3 Schematic Wiring Diagrams

592-804-401 1 Actual Wiring Diagrams

592-804-500 2 Test Procedures

592-804-700 5 Adjustments

592-804-710 1 PDI and PTI Interface — Adjustments and Test Procedures

592-804-800 5 Parts

592-804-801 2 Type 4 — Parts

592-805 DATASPEED — High Speed Tape Senders (Types 1 and 2)

592-805-101 1 Electronic Coding Recognizer (TD19955) for DATASPEED Tape Sender 2A

◆ 592-805-350 1 DATASPEED Type 2 Tape-to-Tape System — Tape Sender 2A

Add 592-805-403 1
592-805-403 4 Tape-to-Tape System — Type 1 and Type 2 Sender Cabinets and Tape Readers — Schematic and Actual Wiring Diagrams

592-805-700 4 Tape-to-Tape System — Type 1 and Type 2 Tape Senders and Receivers — Cabinets — Adjustments

592-805-701 3 Tape-to-Tape System — Type 1 and Type 2 Tape Senders and Tape Receivers — Cabinets — Lubrication

592-805-702 2 Tape-to-Tape System — Type 1 and Type 2 Tape Senders and Tape Receivers — Tools and Maintenance Supplies

592-805-800 2 Types 1 and 2 Tape Sender Cabinet (AC) and Modules (TTD and TTSC) — Parts

592-806 DATASPEED — High Speed Tape Receivers (Types 1 and 2)

592-806-101 1 Discrete Calling Identifier (TP199550) for DATASPEED Receiver 2B

◆ 592-806-350 1 DATASPEED Type 2 Tape-to-Tape System — Tape Receiver 2B

Add 592-806-403 1
592-806-403 4 Tape-to-Tape System — Type 1 and Type 2 Receiver Cabinets and Tape Punches — Schematic and Actual Wiring Diagrams

592-806-800 3 Types 1 and 2 Tape Receiver Cabinet (AC) and Modules (TRD and TRSC) — Parts

592-807 DATASPEED — High Speed Tape Senders — Type 5

592-807-101 4 Discrete Calling Recognizer (TP198002) for DATASPEED Tape Senders 5A and 5C

◆ 592-807-350 1 Tape Senders 5A and 5C

592-807-400 5 Tape Senders 5A and 5C — Schematic and Actual Wiring Diagrams

592-807-700 3 Tape-to-Tape System — Tape Senders 5A and 5C — Adjustments, Lubrication, and Disassembly

592-807-800 4 Tape Sender Cabinet (AC) and Electrical Components — Parts

592-808 DATASPEED High Speed Tape Receivers — Type 5

592-808-101 4 Discrete Calling Generator (TP199784) for DATASPEED Tape Receiver 5B

592-808-102 3 Unattended Send-Receive Apparatus Unit (TP199788) for DATASPEED Tape Receiver 5B

◆ 592-808-350 1 DATASPEED Type 5 Tape-to-Tape System — Tape Receiver 5B

592-808-400 5 Tape-to-Tape System — Tape Receiver 5B — Schematic and Actual Wiring Diagrams

592-808-800 5 Tape Receiver Cabinet (AC) and Electrical Components — Parts

592-811 DATASPEED — High Speed Tape Senders (Type 4)

Add 592-811-100 1
592-811-100 1 Tape Sender With Error Detection and Correction — Type 4A — Description and Operation

592-811-101 1 Vertical Parity Inserter (TP308510) for Five to Seven Level Operation of DATASPEED Tape Sender 4A

Add 592-811-102 1
592-811-102 1 Discrete Calling Recognizer (TP308513) for DATASPEED Tape Sender 4A

592-811-103 1 Send-Receive Apparatus Unit (TP308514) for Single Data Set Operation of a DATASPEED Send-Receive Terminal

Add 592-811-200 1
592-811-200 1 Tape Sender With Error Detection and Correction — Type 4A — Installation and Checkout Procedure

592-811-300 3 Tape Sender and Receiver With Error Detection and Correction — Types 4A Sender and 4B Receiver — Troubleshooting

◆ 592-811-350 1 DATASPEED Type 4A Tape Sender — Field Maintenance Practices

592-811-400 2 Tape Sender With Error Detection and Correction — Type 4A — Schematic Wiring Diagrams

592-811-401 2 Tape Sender With Error Detection and Correction — Type 4A — Actual Wiring Diagrams

592-811-700 1 Tape Sender With Error Detection and Correction — Type 4A — Adjustments, Lubrication and Disassembly

592-811-800 2 Type 4 — Type Sender Cabinet (AC) and Modules — Parts

592-812 DATASPEED — High Speed Tape Receivers (Type 4)

Add 592-812-100 1
592-812-100 1 Tape Receiver With Error Detection and Correction — Type 4B — Description and Operation

592-812-101 1 Vertical Parity Detector (TP308511) for Five to Seven Level Operation of DATASPEED Tape Receiver 4B

Add 592-812-102 1
592-812-102 1 Discrete Calling Generator (TP308512) for DATASPEED Tape Receiver 4B

Add 592-812-200 1
592-812-200 2 Tape Receiver With Error Detection and Correction — Type 4B — Installation and Checkout Procedure

◆ 592-812-350 2 Type 4B Tape Receiver

592-812-400 2 Tape Receiver With Error Detection and Correction — Type 4B — Schematic Wiring Diagrams

592-812-401 2 Tape Receiver With Error Detection and Correction — Type 4B — Actual Wiring Diagrams

592-812-700 2 Tape Receiver With Error Detection and Correction — Type 4B — Adjustments, Lubrication, and Disassembly

592-852-800 2 Type 4 — Tape Receiver Cabinet (AC) and Modules — Parts

592-850) 1A High Speed Selection Calling System
592-858)

592-850-100 3 Description and Principles of Operation

592-850-101 3 Multivoltage Power Supplies — Description and Principles of Operation

592-850-200 2 Installation

592-850-400 1 Circuit Cards

592-850-401 1 Multivoltage Power Supplies — Schematic Wiring Diagrams

592-850-402 1 Multivoltage Power Supplies — Actual Wiring Diagrams

592-850-701 1 Multivoltage Power Supplies — Adjustments

592-850-800 2 Parts

592-850-801 3 Reader Punch and Station Controller Cabinets (AC) — Parts

592-850-802 2 Converter Cabinets (LCAC) — Parts

592-850-803 1 Module

592-851-100 3 11A Tape Sender — Description and Principles of Operation

592-851-400 1 11A Tape Sender — Schematic Wiring Diagrams

592-851-401 1 11A Tape Sender — Actual Wiring Diagrams

592-851-402 1 11A Tape Sender — Running List Wiring Diagrams

592-851-700 3 11A Tape Sender — Adjustments and Lubrication

592-853-100 3 11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Description and Principles of Operation

592-853-400 1 11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Schematic Wiring Diagrams

592-853-401 1 11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Actual Wiring Diagrams

592-853-402 1 11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Running List Wiring Diagrams

592-853-700 3 11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Adjustments and Lubrication

592-854-100 3 11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Description and Principles of Operation

592-854-400 1 11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Schematic Wiring Diagrams

592-854-401 1 11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Actual Wiring Diagrams

592-854-402 1 11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Running List Wiring Diagrams

592-854-700 3 11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Adjustments and Lubrication

592-855-100 3 11J Combination Converter — Description and Principles of Operation

592-855-400 1 11J Combination Converter — Schematic Wiring Diagrams

592-855-401 1 11J Combination Converter — Actual Wiring Diagrams

592-855-402 1 11J Combination Converter — Running List Wiring Diagrams

592-855-700 3 11J Combination Converter — Adjustments and Lubrication

592-856-100 3 11D Master Station Controller and 11F Outlying Station Controller — Description and Principles of Operation

592-856-400 1 11D Master Station Controller and 11F Outlying Station Controller — Schematic Wiring Diagrams

592-856-401 1 11D Master Station Controller and 11F Outlying Station Controller — Actual Wiring Diagrams

592-856-402 1 11D Master Station Controller and 11F Outlying Station Controller — Running List Wiring Diagrams

592-856-700 3 11D and 11F Station Controllers — Adjustments and Lubrication

592-857-100 3 11K Intercept Tape Receiver — Description and Principles of Operation

592-857-400 1 11K Intercept Tape Receiver — Schematic Wiring Diagrams

592-857-401 1 11K Intercept Tape Receiver — Actual Wiring Diagrams

592-857-402 1 11K Intercept Tape Receiver — Running List Wiring Diagrams

592-857-700 3 11K Intercept Tape Receiver — Adjustments and Lubrication

592-858-800 1 Call Directing Code Generator (CDCG) — Parts

592-860 202S Data Station

592-860-100 2 Description and Operation

592-860-200 2 Installation and Connection

592-860-300 1 Maintenance

592-860-500 2 Test Procedures

592-861 202T Data Station

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592-862 201C Data Station

592-862-100 2 Description and Operation

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592-900 Paper Handling Equipment

592-900-101 1 High Speed Tape Feeder

592-900-102 1 TUW200 High Speed Tape Unwinder

592-900-800 1 High Speed Tape Winder (TW) — Parts

592-900-801 1 High Speed Tape Feeder (TF) — Parts

592-900-802 2 High Speed Tape Unwinder (TUW) — Parts

592-900-803 1 High Speed Tape Handling Cabinet (AC) — Parts

592-901 IC Discrete Calling Generator

592-901-100 2 Description and Operation

592-901-200 2 Installation and Checkout

592-901-300 2 Servicing

592-901-400 2 Circuit Description, Schematic, Wiring Diagrams, and Card Cards

592-901-401 2 Actual Wiring Diagrams

592-901-800 2 Parts

592-950) High Speed Send-Receive Set for Switching System
592-956) No. 307

592-950-100 3 General Description and Operation

592-950-101 2 Test Set TS-1 — Description and Principles of Operation

592-950-102 2 Test Set TS-2 — Description and Principles of Operation

592-950-200 2 Installation

592-950-201 3 Operational Checkout

592-950-300 2 Electronic Circuitry — Troubleshooting

592-950-400 1 Electronic Circuit Cards

592-950-401 1 Electronic Circuits — Test Set TS-1 — Schematic Diagrams

592-950-402 1 Electronic Circuits — Test Set TS-1 — Actual Wiring Diagram and Network Listing

592-950-403 1 Electronic Circuits — Test Set TS-2 — Schematic Diagram

592-950-404 1 Electronic Circuits — Test Sets TS-2 — Actual Wiring Diagram

592-950-700 2 Test Set TS-1 — Adjustments

592-950-800 2 Test Set (TS) — Parts

592-951-100 3 Cabinets — Description

592-951-400 1 Electronic Circuits — Cabinets for HSSR Set — Schematic Diagrams

592-951-401 1 Electronic Circuits — Cabinets for HSSR Set — Actual Wiring Diagrams and Network Listings

592-951-700 3 Cabinets — Adjustments

592-951-701 3 Cabinets — Lubrication

592-951-800 3 Cabinets (AC) — Parts

592-952-100 4 Electronic Circuitry — Call Control — Modules A, B, and G — Description and Principles of Operation

Add 592-952-101 1
592-952-101 3 Electronic Circuitry — Transmission (Modules C, D, H) — Description and Principles of Operation

592-952-102 3 Electronic Circuitry — Character Generator (Modules E and F) — Description and Principles of Operation

592-952-103 4 Electronic Circuitry — Printer Drive — Modules K, L, M, and N) — Description and Principles of Operation

592-952-104 3 Electronic Circuitry — Punch Control — Module J — Description and Principles of Operation

592-952-105 2 Electronic Circuitry — Memory — Module H — Description and Principles of Operation

592-952-106 2 Electronic Circuitry — Power Supply System — Description and Principles of Operation

592-952-400 1 Electronic Circuits — Call Control — (Modules A, B, C, S) — Schematic Diagrams

592-952-401 1 Electronic Circuits — Call Control Logic, Relay Rack and Control Panel (Modules A, B, G, P, and S) — Network Listings

592-952-402 1 Electronic Circuits — Transmit, Receive, and EDC Logic — (Modules C, D, and H) — Schematic Diagrams

592-952-403 1 Electronic Circuits — Transmit, Receive, EDC Logic — (Modules C, D, H) — Actual Wiring Diagrams and Network Listings

592-952-404 1 Electronic Circuits — Character Generator — (Modules E and F) — Schematic Diagrams

592-952-405 1 Electronic Circuits — Character Generator (Modules E and F) — Network Listings

592-952-406 1 Electronic Circuits — Printer Drive — (Modules K, L, M, N) — Schematic Diagrams

592-952-407 1 Electronic Circuits — Printer Drive — (Modules K, L, M, N) — Actual Wiring Diagrams and Network Listings

592-952-408 1 Electronic Circuits — Punch Control — (Module J) — Schematic Diagram

592-952-409 1 Electronic Circuits — High Speed Punch Control — Module J — Network Listing

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	592-952-411	1	Electronic Circuits — Memory — Module R — Running List
	592-952-412	1	Electronic Circuits — Power Supply — Schematic Diagrams
	592-952-700	3	Electronic Circuits — Call Control — Modules A, B, and G — Adjustments
	592-952-701	2	Electronic Circuitry — Transmit Logic — Modules C, D, and H — Adjustments
	592-952-702	2	Electronic Circuitry — Character Generator — Modules E and I — Adjustments
	592-952-703	3	Electronic Circuitry — Printer Drive — Modules K, L, M, and N — Adjustments
	592-952-704	4	Electronic Circuitry — Print Control — Module J — Adjustments
	592-952-705	2	Electronic Circuitry — Memory — Module P — Adjustments
	592-952-800	2	Parts
	592-953-100	4	Description and Principles of Operation
	592-953-300	2	Troubleshooting — Service Maintenance
	592-953-400	1	Wiring Diagrams
	592-953-700	5	Adjustments
	592-953-701	4	Lubrication
	592-953-800	5	High Speed Page Printer (DAP) — Parts
	592-954-100	2	Description and Principles of Operation
	592-954-400	1	(DWPF Type) — Wiring Diagram
	592-954-700	2	Adjustments
	592-954-701	2	Lubrication
	592-954-702	2	Disassembly
	592-954-800	2	Parts
	592-955-100	2	Description and Principles of Operation
	592-955-400	1	(DX Type) — Wiring Diagram
	592-955-700	2	Adjustments
	592-955-701	2	Lubrication
	592-955-702	1	Disassembly and Reassembly
	592-955-800	2	(DX) — Parts
	592-956-100	1	Station Facilities — Description and Principles of Operation
	592-956-101	1	Scanner and Recorder With Proper Specification — Description and Principles of Operation
	592-956-102	1	Electronic Circuits — Description and Principles of Operation
	592-956-103	1	Connecting Paper Drying Mechanism — Description and Principles of Operation
Add	592-956-200	1	
	592-956-201	1	Installation and Checkout Procedure
Add	592-956-300	1	
	592-956-301	2	Troubleshooting
Add	592-956-500	2	
	592-956-501	2	Test Procedures
	592-956-700	2	Scanner and Recorder Mechanisms — Adjustments and Lubrication
	592-956-701	2	Electronic Circuits — Modules and Power Supply — Adjustments
	592-956-702	2	Cabinets — Adjustments and Lubrication
	592-956-703	1	Removal and Replacement of Components and Disassembly and Reassembly
	592-956-800	1	Scanner, Recorder and Maintenance Tools — Parts Division
	592-956-801	1	Resistor, Capacitor and Filter — Part Number Electric
	592-956-802	1	Cabinet and Mounting — Parts

DIVISION 593 — 300 SERIES DATA SETS AND ASSOCIATED SERVICES

593-000 Indexes
-011 301B Type
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660-403-301 6 Investigation of Specific Noise and Crosstalk Troubles on Voice Frequency Circuits — Cable Circuits

660-403-302 3 Investigation of Specific Noise and Crosstalk Troubles on Voice-Frequency Circuits — Open Wire Circuit

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Adds 660-476-504 1
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*Trademark of AT&T Technologies

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*Registered Trademark of Tektronix, Inc.

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†Registered Trademark of Sykes Datatronics, Inc.

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◆ 756-141-002 2 Form No. BISP 61-0002 (Program Matrix 0002) Inventory Form Instructions — T1 Carrier, Combined D1A, D1C Bay — Repeater and Power — Supply Units
◆ 756-141-003 1 Form No. BISP 61-0003 (Program Matrix 0003) Inventory Form Instructions — T1 Carrier, 201 Type Repeater Equipment Bay Mounted
◆ 756-141-004 1 Form No. BISP 61-0004 (Program Matrix 0004) Inventory Form Instructions — T1 Carrier, 206 Type Repeater
◆ 756-141-005 2 Form No. BISP 61-0005 (Program Matrix 0005) Inventory Form Instructions — Subscriber Loop Multiplexer and T1 Carrier Equipment Located in Manholes or on Poles
◆ 756-141-006 1 Form No. BISP 61-0006 (Program Matrix 0006) Inventory Form Instructions — T1 Carrier, D1, D1A, D1B, D1C Bank Equipment — Channel and Group Units
◆ 756-141-007 1 Form No. BISP 61-0007 (Program Matrix 0007) Inventory Form Instructions — T1 Carrier, T1WM 1 Wideband Modem
◆ 756-141-008 2 Form No. BISP 61-0008 (Program Matrix 0008) Inventory Form Instructions — T1 Carrier T1WB-1 "A, B Bank Arrangements
◆ 756-141-009 1 Form No. BISP 61-0009 (Program Matrix 0009) Inventory Form Instructions — T1 Carrier T1WM 4 Wideband Modem
◆ 756-141-010 1 Form No. BISP 61-0010 (Program Matrix 0010) Inventory Form Instructions — U Type Carrier Repeaters
◆ 756-141-011 1 Form No. BISP 61-0011 (Program Matrix 0011) Inventory Form Instructions — O, ON1, ON2, ON1F Carrier Terminal Equipment
◆ 756-141-012 1 Form No. BISP 61-0012 (Program Matrix 0012) Inventory Form Instructions — N1 Carrier Terminal Equipment
◆ 756-141-013 1 Form No. BISP 61-0013 (Program Matrix 0013) Inventory Form Instructions — ON1R Carrier Terminal, Repeater, or Junction Equipment
◆ 756-141-014 1 Form No. BISP 61-0014 (Program Matrix 0014) Inventory Form Instructions — N1, ON1, ON1R, ON1Radio, N2 Repeaters for N1 or D1A Mounting
◆ 756-141-015 1 Form No. BISP 61-0015 (Program Matrix 0015) Inventory Form Instructions — N and ON Carrier Systems 240-Type — Flat Gain Amplifiers and Associated Networks
◆ 756-141-016 1 Form No. BISP 61-0016 (Program Matrix 0016) Inventory Form Instructions — Carrier to T1 Radio Combining Bay for Terminal or Repeater Locations
◆ 756-141-017 1 Form No. BISP 61-0017 (Program Matrix 0017) Inventory Form Instructions — 2A Echo Suppressors
◆ 756-141-018 2 Form No. BISP 61-0018 (Program Matrix 0018) Inventory Form Instructions — 3A and 3B Echo Suppressors
◆ 756-141-019 1 Form No. BISP 61-0019 (Program Matrix 0019) Inventory Form Instructions — Dial Long Line Unit
◆ 756-141-020 1 Form No. BISP 61-0020 (Program Matrix 0020) Inventory Form Instructions — N2 Carrier N2WT1 Wideband Terminal
◆ 756-141-021 1 Form No. BISP 61-0021 (Program Matrix 0021) Inventory Form Instructions — N2 Carrier Terminal — Regular and Package Frames — Channel Units

♦ 756-141-022 1 Form No. BISP 61-0022 (Program Matrix 0022) Inventory Form Instructions — N2 Carrier Terminal Group Units — Regular, Packaged on N2W11

♦ 756-141-023 1 Form No. BISP 61-0023 (Program Matrix 0023) Inventory Form Instructions — N2 Carrier Line Build-Out Bay

♦ 756-141-024 1 Form No. BISP 61-0024 (Program Matrix 0024) Inventory Form Instructions — N2 Carrier Repeater, Current Regulator, and Assembler Bays

♦ 756-141-025 1 Form No. BISP 61-0025 (Program Matrix 0025) Inventory Form Instructions — Traffic Data Recording System — No. 1A Synchronizer

♦ 756-141-026 1 Form No. BISP 61-0026 (Program Matrix 0026) Inventory Form Instructions — Traffic Data Recording System — No. 1A Remote Record Collector or Frame

♦ 756-141-027 2 Form No. BISP 61-0027 (Program Matrix 0027) Inventory Form Instructions — TSPS Universal Trunk Frame

♦ 756-141-028 1 Form No. BISP 61-0028 (Program Matrix 0028) Inventory Form Instructions — TSPS Universal Trunk Frame

♦ 756-141-029 1 Form No. BISP 61-0029 (Program Matrix 0029) Inventory Form Instructions — No. 1 ESS Switch Frame

♦ 756-141-030 2 Form No. BISP 61-0030 (Program Matrix 0030) Inventory Form Instructions — No. 1 ESS Miscellaneous Trunk Frame

♦ 756-141-031 1 Form No. BISP 61-0031 (Program Matrix 0031) Inventory Form Instructions — No. 1 ESS Universal Trunk Frames

♦ 756-141-032 1 Form No. BISP 61-0032 (Program Matrix 0032) Inventory Form Instructions — Private Service Systems — AT Digital Data Systems

♦ 756-141-033 1 Form No. BISP 61-0033 (Program Matrix 0033) Inventory Form Instructions — Toll Systems — Multiport Conference Bridge

♦ 756-141-034 1 Form No. BISP 61-0034 (Program Matrix 0034) Inventory Form Instructions — Voice Frequency Transmission Maintenance — Concentrator Bay

♦ 756-141-035 2 Form No. BISP 61-0035 (Program Matrix 0035) Inventory Form Instructions — N3 Carrier Terminal

♦ 756-141-036 1 Form No. BISP 61-0036 (Program Matrix 0036) Inventory Form Instructions — N3 Carrier N3-2 Type A Junction

♦ 756-141-037 1 Form No. BISP 61-0037 (Program Matrix 0037) Inventory Form Instructions — N3 Carrier N3-1 Type B Junction

♦ 756-141-038 1 Form No. BISP 61-0038 (Program Matrix 0038) Inventory Form Instructions — N3 Carrier N3-1 Type C Junction

♦ 756-141-039 1 Form No. BISP 61-0039 (Program Matrix 0039) Inventory Form Instructions — N3 Carrier Common Carrier Supply

♦ 756-141-040 1 Form No. BISP 61-0040 (Program Matrix 0040) Inventory Form Instructions — Transistorized Compromise Amplifiers — 399294

♦ 756-141-041 1 Form No. BISP 61-0041 (Program Matrix 0041) Inventory Form Instructions — F2 3 Telephone Repeaters and Dividers (With Ltr Determination)

♦ 756-141-042 1 Form No. BISP 61-0042 (Program Matrix 0042) Inventory Form Instructions — Improvement in Delay Equalizing Unit — 399292A, 399292B, 399292C

♦ 756-141-043 1 Form No. BISP 61-0043 (Program Matrix 0043) Inventory Form Instructions — V3 Telephone Repeaters — With Data Digit and Test

♦ 756-141-044 1 Form No. BISP 61-0044 (Program Matrix 0044) Inventory Form Instructions — Interoffice Trunk Supervision — Signal Converter Bay

♦ 756-141-045 1 Form No. BISP 61-0045 (Program Matrix 0045) Inventory Form Instructions — E Signaling M Lead Converter Units

♦ 756-141-046 2 Form No. BISP 61-0046 (Program Matrix 0046) Inventory Form Instructions — E Signaling Transmission Bank Cut Units

♦ 756-141-047 1 Form No. BISP 61-0047 (Program Matrix 0047) Inventory Form Instructions — F2 3 Telephone Repeaters (Without Ltr Determination)

♦ 756-141-048 1 Form No. BISP 61-0048 (Program Matrix 0048) Inventory Form Instructions — V3 Telephone Repeaters Without Suffix and Ltr

♦ 756-141-049 3 Form No. BISP 61-0049 (Program Matrix 0049) Inventory Form Instructions — E&F Telephone Repeater With 8&D-Type Networks Designed by Apparatus Designations A in Crimp Connectors CIF 7A 724.00 and 7.184

♦ 756-141-050 2 Form No. BISP 61-0050 (Program Matrix 0050) Inventory Form Instructions — 2400 or 2600 Single Frequency Signaling System

♦ 756-141-051 1 Form No. BISP 61-0051 (Program Matrix 2051) Inventory Form Instructions — E Type Signaling Bay — Regular on N2 and N3 Packaged Terminal Frame

♦ 756-141-052 2 Form No. BISP 61-0052 (Program Matrix 0052) Inventory Form Instructions — F Type AC Trunk Signaling — 199335A, B, C, D Bay

♦ 756-141-053 2 Form No. BISP 61-0053 (Program Matrix 0053) Inventory Form Instructions — Consolidated and Universal — F Type Trunk Signaling Units J98624A, C, D & J98626A, B, D, E Bays

♦ 756-141-054 1 Form No. BISP 61-0054 (Program Matrix 0054) Inventory Form Instructions — TV System — A2A, A2B, A2A1 Video Transmission Bays

♦ 756-141-055 1 Form No. BISP 61-0055 (Program Matrix 0055) Inventory Form Instructions — Wideband Loop Repeaters — WLR 1, 2, and 3

♦ 756-141-056 1 Form No. BISP 61-0056 (Program Matrix 0056) Inventory Form Instructions — Wideband Toll Repeaters — WLR 4 and 5

◆ 756-141-057 2 Form No. BISP 61-0057 (Program Matrix 0057) Inventory Form Instructions — 4A Echo Suppressor — J68914 — J98624 Consolidated Bay — J98626 Unitized Bay

◆ 756-141-058 1 Form No. BISP 61-0058 (Program Matrix 0058) Inventory Form Instructions for L4 Multiplex Repeaters — Main Station

◆ 756-141-059 1 Form Number BISP 61-0059 (Program Matrix 0059) Inventory Form Instructions for L4 Multiplex Repeaters — Intermediate Station

◆ 756-141-060 2 Form No. BISP 61-0060 (Program Matrix 0060) Inventory Form Instructions — 24V4, 44V4, and 424V4 Repeaters

◆ 756-141-061 2 Form No. BISP 61-0061 (Program Matrix 0061) Inventory Form Instructions — V4 Basic Repeaters

◆ 756-141-062 2 Form No. BISP 61-0062 (Program Matrix 0062) Inventory Form Instructions — No. 1 Type Terminating Set and 4182A, B, C Network (J98615CJ, CK and J98617J Bays)

◆ 756-141-063 1 Form No. BISP 61-0063 (Program Matrix 0063) Inventory Form Instructions for L-Type Multiplex — A5 Channel Bank (J68853)

◆ 756-141-064 1 Form Number BISP 61-0064 (Program Matrix 0064) Inventory Form Instructions for L-Type Multiplex, L600A Receiving Bay

◆ 756-141-065 1 Form Number BISP 61-0065 (Program Matrix 0065) Inventory Form Instructions for L-Type Multiplex, L600A Transmitting Bay

◆ 756-141-066 1 Form Number BISP 61-0066 (Program Matrix 0066) Inventory Form Instructions for L-Type Multiplex, L1860A Receiving Bay

◆ 756-141-067 1 Form Number BISP 61-0067 (Program Matrix 0067) Inventory Form Instructions for L-Type Multiplex, L1860A Transmitting Bay

◆ 756-141-068 1 Form No. BISP 61-0068 (Program Matrix 0068) Inventory Form Instructions — L-Type Multiplex — 160A and L120A-Transmitting and Receiving Bay

◆ 756-141-069 1 Form No. BISP 61-0069 (Program Matrix 0069) Inventory Form Instructions — C2A, C2B, or C2C Supergroup Connector

◆ 756-141-070 1 Form No. BISP 61-0070 (Program Matrix 0070) Inventory Form Instructions — Telegraph Systems — 143-Type Regenerative Repeaters

◆ 756-141-071 1 Form No. BISP 61-0071 (Program Matrix 0071) Inventory Form Instructions — Telegraph Systems — 144-Type Coupling Units

◆ 756-141-072 1 Form No. BISP 61-0072 (Program Matrix 0072) Inventory Form Instructions — 43A1 Carrier Telegraph Systems

◆ 756-141-073 1 Form No. BISP 61-0073 (Program Matrix 0073) Inventory Form Instructions — 96A-1 Electronic Loop Repeaters

◆ 756-141-074 1 Form No. BISP 61-0074 (Program Matrix 0074) Inventory Form Instructions — 43B1 Voice Frequency Carrier — High Voltage Hub Converters

◆ 756-141-075 1 Form No. BISP 61-0075 (Program Matrix 0075) Inventory Form Instructions — 43B1 Voice Frequency Carrier — Line, Channel, and Alarm Units

◆ 756-141-076 2 Form No. BISP 61-0076 (Program Matrix 0076) Inventory Form Instructions — 145A1 Regenerative Repeaters — Data Systems

◆ 756-141-077 1 Form No. BISP 61-0077 (Program Matrix 0077) Inventory Form Instructions — L-Type Multiplex — Supergroup and Group Banks — Receiving — Mix Packaged Bay (J68858P or DP)

◆ 756-141-078 1 Form No. BISP 61-0078 (Program Matrix 0078) Inventory Form Instructions — L-Type Multiplex — Supergroup and Group Banks, Transmitting Mix Packaged Bay (J68858N or DN)

◆ 756-141-079 1 Form No. BISP 61-0079 (Program Matrix 0079) Inventory Form Instructions — L-Type Multiplex — Receiving Group Bank Bay (J68772B-2)

◆ 756-141-080 1 Form No. BISP 61-0080 (Program Matrix 1080) Inventory Form Instructions — General Purpose Form

◆ 756-141-081 1 Form No. BISP 61-0081 (Program Matrix 0081) Inventory Form Instructions — L-Type Multiplex — Receiving and Transmitting Supergroup High Frequency Patch Bays

◆ 756-141-082 1 Form No. BISP 61-0082 (Program Matrix 0082) Inventory Form Instructions — L-Type Multiplex — 1600A and L1860A — Common Bay

◆ 756-141-083 2 Form No. BISP 61-0083 (Program Matrix 0083) Inventory Form Instructions — Mastergroup Multiplex 2 Terminal MMX-2C for L4 Coaxial Systems and MMX-2R for TH-1 1, TD-1 1, and TD-3 Radio Systems

◆ 756-141-084 1 Form No. BISP 61-0084 (Program Matrix 0084) Inventory Form Instructions — D2 Channel Bank, Channel Units

◆ 756-141-085 1 Form No. BISP 61-0085 (Program Matrix 0085) Inventory Form Instructions — D2 Channel Bank Equipment — Common, SMA, and Power Supply Units

◆ 756-141-086 2 Form No. BISP 61-0086 (Program Matrix 0086) Inventory Form Instructions — Type F AC Trunk Signaling System — FUA and Auxiliary Signaling Units — KS-20981 1-1, 1-2 Ringers

◆ 756-141-087 1 Form No. BISP 61-0087 (Program Matrix 0087) Inventory Form Instructions — N Carrier Program Terminal

◆ 756-141-088 1 Form No. BISP 61-0088 (Program Matrix 0088) Inventory Form Instructions — Voice Operated Switch Gain Repeaters

◆ 756-141-089 1 Form No. BISP 61-0089 (Program Matrix 0089) Inventory Form Instructions — 43A1 Carrier Telegraph Systems

◆ 756-141-090 1 Form No. BISP 61-0090 (Program Matrix 0090) Inventory Form Instructions — AR Type Data Circuit Packs

◆ 756-141-091 1 Form No. BISP 61-0091 (Program Matrix 0091) Inventory Form Instructions — L-Type Multiplex — 1WM-2 and 1WM-6 Wideband Modems

◆ 756-141-092 1 Form No. BISP 61-0092 (Program Matrix 0092) Inventory Form Instructions — Voice-Frequency Transmission Maintenance — Connector Bay

◆ 756-141-093 1 Form No. BISP 61-0093 (Program Matrix 0093) Inventory Form Instructions — H-310-068 Mounting of 200-Type Delay Equalizers

◆ 756-141-094 1 Form No. BISP 61-0094 (Program Matrix 0094) Inventory Form Instructions — H-310 070 Mounting of 200-Type Delay Equalizers

◆ 756-141-095 1 Form No. BISP 61-0095 (Program Matrix 0095) Inventory Form Instructions — Loop Signaling Repeaters

◆ 756-141-096 1 Form No. BISP 61-0096 (Program Matrix 0096) Inventory Form Instructions — Range Extenders, VF Gain (Reg) Equipment

◆ 756-141-099 1 Form No.3 BISP 61-0097 Through 61-0099 (Program Matrixes 0097 Through 0099) Inventory Forms Instructions — Specified Plug-Ins Classified as Minor Expense Items

◆ 756-141-100 2 Form No. BISP 61-0100 (Program Matrix 0100) Inventory Form Instructions — M1.2 Digital Multiplex

◆ 756-141-101 1 Form No. BISP 61-0101 (Program Matrix 0101) Inventory Form Instructions — M1.2 Digital Multiplex, 4213 and 4214 Networks

◆ 756-141-102 1 Form No. BISP 61-0102 (Program Matrix 0102) Inventory Form Instructions — Dial Long Line Unit

◆ 756-141-103 1 Form No. BISP 61-0103 (Program Matrix 0103) Inventory Form Instructions — Low Voltage Data Sets

◆ 756-141-111 2 Form Nos. BISP 61-0104 Through 61-0111 (Program Matrix 4104 Through 4111) — Inventory Forms Instructions Portable Test Sets and Tools — Designated as CPR 77.XXX and 78.XXX Items — WE Manufactured

◆ 756-141-112 1 Form No. BISP 61-0112 (Program Matrix 0112) Inventory Form Instructions — T1 Carrier D1, D1A, D1B, D1C, and D1D Bank Equipment — Channel Units

◆ 756-141-113 1 Form No. BISP 61-0113 (Program Matrix 0113) — Inventory Form Instructions — T1 Carrier, D1, D1A, D1B, D1C, and D1D Bank Equipment — Group Units

◆ 756-141-114 1 Form No. BISP 61-0114 (Program Matrix 0114) — Inventory Form Instructions — L-Type Multiplex-A6 Channel Bank (J68929)

◆ 756-141-115 1 Form No. BISP 61-0115 (Program Matrix 0115) — Inventory Form Instructions — E Signaling E&M Lead Applique

◆ 756-141-116 1 Form No. BISP 61-0116 (Program Matrix 0116) — Inventory Form Instructions — L-Type Multiplex — A6 Channel Bank — Unitized Terminal Bay (J98626)

◆ 756-141-117 1 Form No. BISP 61-0117 (Program Matrix 0117) — FU-Type Signaling Units on J98624B, E, F, G (Consolidated Bay) — J98626C, F (Unitized Terminal Bay)

◆ 756-141-118 1 Form No. BISP 61-0118 (Program Matrix 0118) — Inventory Form Instructions — T1 Carrier, D3 Channel Bank — Channel Units

◆ 756-141-119 1 Form No. BISP 61-0119 (Program Matrix 0119) — Inventory Form Instructions — T1 Carrier, D3 Channel Bank — Common, Maintenance and Hot Spare Units

◆ 756-141-120 1 Form No. BISP 61-0120 (Program Matrix 0120) — Inventory Form Instructions — Subscriber Loop Multiplexer — Central Office Equipment

◆ 756-141-121 1 Form No. BISP 61-0121 — (Program Matrix 0121) Inventory Form Instructions — Subscriber Loop Multiplexer — Remote Terminal Equipment

◆ 756-141-122 1 Form No. BISP 61-0122 (Program Matrix 0122) — Inventory Form Instructions — KS-20988 Multi-Channel Subscriber Carrier — Central Office Shelves

◆ 756-141-123 1 Form No. BISP 61-0123 (Program Matrix 0123) — Inventory Form Instructions — Multichannel Subscriber Carrier — KS-20988 — Subscriber Terminals and Repeaters

◆ 756-141-124 1 Form No. BISP 61-0124 (Program Matrix 0124) Inventory Form Instructions for Low Voltage Data Sets

◆ 756-141-125 1 Form No. BISP 61-0125 (Program Matrix 0125) — Inventory Form Instructions — T1 Carrier Subrate Data Multiplexer Bay

◆ 756-141-126 1 Form No. BISP 61-0126 (Program Matrix 0126) — Inventory Form Instructions — T1 Carrier — Nodal Timing Supply Bay (J70177E-1)

◆ 756-141-127 1 Form No. BISP 61-0127 (Program Matrix 0127) — Inventory Form Instructions — T1 Carrier Two-Shell Office Channel Unit Assembly (J70177AB), Three Shell Office Channel Unit and Power Assembly (J70177AA), and Data Multiplex Performance Monitor Shell Assembly (J70177AF)

◆ 756-141-128 1 Form No. BISP 61-0128 (Program Matrix 0128) — Inventory Form Instructions — T1 Carrier — Local Timing Supply and T1DM Assembly (J70177AG) and Data Multiplexer Shell (J70177AD)

◆ 756-141-129 1 Form No. BISP 61-0129 (Program Matrix 0129) — Inventory Form Instructions — T1WB4 Data — Voice Multiplexer — Shell Assembly (J70177AP)

◆ 756-141-130 1 Form No. BISP 61-0130 (Program Matrix 0130) — Inventory Form Instructions — T1 Carrier — Four-Shell T1DM — Multiplexer Assembly (J70177AE)

◆ 756-141-132 1 Form No. BISP 61-0132 (Program Matrix 0132) — Inventory Form Instructions — T2 Carrier Span Terminating Bay — Office Repeater Units

◆ 756-141-133 1 Form No. BISP 61-0133 (Program Matrix 0133) — Inventory Form Instructions — T2 Carrier Span Terminating Bay — Protection Switching, Power and Alarm Units

◆ 756-141-134 1 Form No. BISP 61-0134 (Program Matrix 0134) — Inventory Form Instructions — T2 Carrier Span Terminating Power Supply Bay

♠ 756-141-135	1	Form No. BISP 61-0135 (Program Matrix 0135) — Inventory Form Instructions — T2 Carrier Regenerator and Maintenance Unit Located on Repeater Bays or in Manholes and Shelters
♠ 756-141-136	1	Form No. BISP 61-0136 (Program Matrix 0136) — Inventory Form Instructions — T2 Carrier Intermediate Power Supply Bay and Repeater Bay Power Units
♠ 756-151-000	1	Plug-In Inventory Control System — Detailed Continuing Property Record — PICS/DCPR User's Manual — On-Line Programs
♠ 756-151-101	1	User's Manual — On-Line Inquiry Programs — Transaction Files
♠ 756-151-102	2	User's Manual — On-Line Inquiry Programs — Order Files
♠ 756-151-103	1	User's Manual — On-Line Inquiry Programs — CPR Inventory Files
♠ 756-151-104	1	User's Manual — On-Line Inquiry Programs — ECI Inventory Files
♠ 756-151-105	1	User's Manual — On-Line Inquiry Programs — Miscellaneous File
♠ 756-151-106	1	User's Manual — On-Line Inquiry Programs — Financial Reference File
♠ 756-151-107	1	User's Manual — On-Line Inquiry Programs — Location Table
♠ 756-151-108	1	User's Manual — On-Line Inquiry Programs — Equipment Table
♠ 756-151-201	1	User's Manual — On-Line Update Programs — Transactions
♠ 756-151-202	1	User's Manual — On-Line Update Programs — Order Files
♠ 756-151-203	1	User's Manual — On-Line Update Programs — CPR Inventory Files
♠ 756-151-204	1	User's Manual — On-Line Update Programs — ECI Inventory
♠ 756-151-205	2	User's Manual — On-Line Update Programs — Miscellaneous Files
♠ 756-151-206	2	User's Manual — On-Line Update Programs — Financial Reference Files
♠ 756-151-207	1	User's Manual — On-Line Update Programs — Location Tables
♠ 756-151-208	1	User's Manual — On-Line Update Programs — Equipment Tables
♠ 756-152-010	1	Batch Run Dependencies — Overview
♠ 756-152-110	1	Batch Run Dependencies — Plug-In Inventory Records
♠ 756-152-120	1	Batch Run Dependencies — Inventory and Investment
♠ 756-152-130	1	Batch Run Dependencies — Inventory Management Control
♠ 756-152-310	1	Batch Run Dependencies — Equipment Assignment
♠ 756-152-210	1	Batch Run Dependencies — Circuit Orders
♠ 756-152-220	1	Batch Run Dependencies — Repair
♠ 756-152-230	1	Batch Run Dependencies — Work Orders
♠ 756-152-300	1	Batch Run Dependencies — DCPR Records
♠ 756-152-310	1	Batch Run Dependencies — DCPR Processing
♠ 756-152-320	1	Batch Run Dependencies — Monthlies
♠ 756-152-330	1	Batch Run Dependencies — Annuals
♠ 756-152-400	1	Batch Run Dependencies — On-Line System Performance
♠ 756-152-410	1	Batch Run Dependencies — Reference Files
♠ 756-152-420	1	Batch Run Dependencies — File Integrity Analysis
♠ 756-152-430	1	Batch Run Dependencies — System Backup and File Maintenance
♠ 756-153-011	1	User's Manual — Batch Runs — Create Record Data and Analysis History File
♠ 756-153-012	1	User's Manual — Batch Runs — PICS Report 40
♠ 756-153-014	1	User's Manual — Batch Runs — PICS Report 43C
♠ 756-153-101	1	User's Manual — Batch Runs — Extract ECI Conversion Tables
♠ 756-153-102	1	User's Manual — Batch Runs — PICSUSER (Run 21)
♠ 756-153-103	1	User's Manual — Batch Runs — PICSCSER (Run 15)
♠ 756-153-104	2	User's Manual — Batch Runs — PICSRSER (Run 11)
♠ 756-153-105	1	User's Manual — Batch Runs — PICSPSER (Run 9)
♠ 756-153-106	1	User's Manual — Batch Runs PICSUECI (Run 7)
♠ 756-153-107	1	User's Manual — Batch Runs — PICSCECI (Run 17)
♠ 756-153-108	1	User's Manual — Batch Runs — PICSRECI (Run 13)
♠ 756-153-109	1	User's Manual — Batch Runs — PICSPECI (Run 19)
♠ 756-153-120	1	User's Manual — Batch Runs — Extract Location Conversion Table
♠ 756-153-121	1	User's Manual — Batch Runs — Extract Price Conversion Table
♠ 756-153-122	1	User's Manual — Batch Runs — Extract Tax Table
♠ 756-153-123	1	User's Manual — Batch Runs — Extract Reference Conversion Tables
♠ 756-153-125	1	User's Manual — Batch Runs — PICSCVRN (Run 8)

◆ 756-153-126	1	User's Manual — Batch Runs — PICSAGES (Run 5)
◆ 756-153-127	1	User's Manual — Batch Runs — PICSULOC (Run 8)
◆ 756-153-128	1	User's Manual — Batch Runs — PICSCLOC (Run 18)
◆ 756-153-129	1	User's Manual — Batch Runs — PICSRLOC (Run 14)
◆ 756-153-130	1	User's Manual — Batch Runs — PICSPLOC (Run 20)
◆ 756-153-131	1	User's Manual — Batch Runs — PICSUPRC (Run 6)
◆ 756-153-132	1	User's Manual — Batch Runs — PICSCPRC (Run 16)
◆ 756-153-133	1	User's Manual — Batch Runs — PICSRPRC (Run 12)
◆ 756-153-134	1	User's Manual — Batch Runs — PICSPPRC (Run 10)
◆ 756-153-151	1	User's Manual — Batch Runs — IH PICSCVRN (Run 4)
◆ 766-153-152	1	User's Manual — Batch Runs — IH PICSAGES (Run 5)
◆ 756-153-153	1	User's Manual — Batch Runs — IH PICSPPRC (Run 10)
◆ 756-153-154	1	User's Manual — Batch Runs — IH PICSPLOC (Run 20)
◆ 756-153-155	1	User's Manual — Batch Runs — CSRI Initialization
◆ 756-153-156	1	User's Manual — Batch Runs — CSRI File Backup
◆ 756-153-160	1	User's Manual — Batch Runs — Print Files 5, 7, 9
◆ 756-153-161	1	User's Manual — Batch Runs — Ordersub
◆ 756-153-162	1	User's Manual — Batch Runs — Zero CS CPR and ECI
◆ 756-153-163	1	User's Manual — Batch Runs — Restore File 5
◆ 756-153-164	1	User's Manual — Batch Runs — Restore File 7
◆ 756-153-165	1	User's Manual — Batch Runs — Restore File 9
◆ 756-153-166	1	User's Manual — Batch Runs — Newdiflr
◆ 756-153-167	1	User's Manual — Batch Runs — CSRI Actual Average Price Table
◆ 756-153-180	1	User's Manual — Batch Runs — CPR Update
◆ 756-153-181	1	User's Manual — Batch Runs — Load CS CPR
◆ 756-153-182	1	User's Manual — Batch Runs — Restore Original File 9 (MS CPR)
◆ 756-153-184	1	User's Manual — Batch Runs — File 9 Backup of MS CPR Load
◆ 756-153-185	1	User's Manual — Batch Runs — ECI Update
◆ 756-153-186	1	User's Manual — Batch Runs — Restore Original File 4 (MS 10C ECI)
◆ 756-153-188	1	User's Manual — Batch Runs — File 4 Backup of MS 10C ECI Load
◆ 756-153-189	1	User's Manual — Batch Runs — Load CS ECI
◆ 756-153-190	1	User's Manual — Batch Runs — Restore Original File 5 (MS CS ECI)
◆ 756-153-192	1	User's Manual — Batch Runs — File 5 Backup of MS CS ECI Load
◆ 756-153-201	1	User's Manual — Batch Runs — On-Line
◆ 756-153-211	1	User's Manual — Batch Runs — Print File 1
◆ 756-153-212	3	User's Manual — Batch Runs — Print File 2
◆ 756-153-213	1	User's Manual — Batch Runs — Print File 2A
◆ 756-153-214	1	User's Manual — Batch Runs — Print File 2B
◆ 756-153-215	1	User's Manual — Batch Runs — Print PICS/1 Draw
◆ 756-153-216	1	User's Manual — Batch Runs — Print File 3
◆ 756-153-217	1	User's Manual — Batch Runs — Print File 4
◆ 756-153-218	1	User's Manual — Batch Runs — Print File 4A
◆ 756-153-219	1	User's Manual — Batch Runs — Print File 6
◆ 756-153-220	1	User's Manual — Batch Runs — Print File 6A
◆ 756-153-221	1	User's Manual — Batch Runs — Print File A
◆ 756-153-222	1	User's Manual — Batch Runs — Print File 7
◆ 756-153-223	1	User's Manual — Batch Runs — Print File 7A
◆ 756-153-224	1	User's Manual — Batch Runs — Print File 8
◆ 756-153-225	1	User's Manual — Batch Runs — Print File 9
◆ 756-153-226	1	User's Manual — Batch Runs — Print File 10
◆ 756-153-227	1	User's Manual — Batch Runs — Print File 11
◆ 756-153-228	1	User's Manual — Batch Runs — Print File 12
◆ 756-153-229	1	User's Manual — Batch Runs — Print File 13 (Back Orders)
◆ 756-153-230	1	User's Manual — Batch Runs — Print Pending Discontinued Orders
◆ 756-153-231	1	User's Manual — Batch Runs — Print File 13 (Repair Log)
◆ 756-153-232	1	User's Manual — Batch Runs — Print File 14
◆ 756-153-233	1	User's Manual — Batch Runs — Print File 15
◆ 756-153-234	1	User's Manual — Batch Runs — Print File 18
◆ 756-153-235	1	User's Manual — Batch Runs — Print File 19
◆ 756-153-236	1	User's Manual — Batch Runs — Print File 20
◆ 756-153-237	1	User's Manual — Batch Runs — Print File 21

◆756-153-238 1 User's Manual — Batch Runs — Print File 22

◆756-153-239 1 User's Manual — Batch Runs — Print File 23

◆756-153-240 1 User's Manual — Batch Runs — Print Explosion Table Catalog

◆756-153-241 1 User's Manual — Batch Runs — Print File 24

◆756-153-242 1 User's Manual — Batch Runs — Print File 25

◆756-153-243 1 User's Manual — Batch Runs — Print Price Table Vertically

◆756-153-244 1 User's Manual — Batch Runs — Print File 6 by CPR

◆756-153-245 1 User's Manual — Batch Runs — Print File 6 by ECI

◆756-153-246 1 User's Manual — Batch Runs — Print File 2 With Indicators

◆756-153-247 1 User's Manual — Batch Runs — Print File 19(DR)

◆756-153-248 1 User's Manual — Batch Runs — Print File 4 by CIIC

◆756-153-249 1 User's Manual — Batch Runs — Print File 4 by Equipment Code

◆756-153-301 1 User's Manual — Batch Runs — PICS File Save

◆756-153-302 1 User's Manual — Batch Runs — Daily Performance Statistics

◆756-153-303 1 User's Manual — Batch Runs — Weekly Performance Statistics

◆756-153-304 1 User's Manual — Batch Runs — Print Reconciliation and File Analysis Reports

◆756-153-305 1 User's Manual — Batch Runs — Print Shipping Notice

◆756-153-306 1 User's Manual — Batch Runs — Reorganize File 6

◆756-153-307 1 User's Manual — Batch Runs — Reorganize File 17

◆756-153-308 1 User's Manual — Batch Runs — Reorganize File 24

◆756-153-401 1 User's Manual — Batch Runs — PICS File Restore A

◆756-153-402 1 User's Manual — Batch Runs — PICS File Restore B

◆756-153-501 1 User's Manual — Batch Runs — Transaction Delete

◆756-153-502 1 User's Manual — Batch Runs — File 7 Purge

◆756-153-503 1 User's Manual — Batch Runs — File 13 Purge

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◆756-153-505 1 User's Manual — Batch Runs — Update Tax Table

◆756-153-507 1 User's Manual — Batch Runs — CPR Catalog Update

◆756-153-508 1 User's Manual — Batch Runs — Check ECI in ECIG

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◆756-153-612 1 User's Manual — Batch Runs — Change PI Definition

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◆756-153-784 1 User's Manual — Batch Runs — Print CPR Pointers

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◆ 756-153-788	1	User's Manual — Batch Runs — Print CPR by Location
◆ 756-153-789	1	User's Manual — Batch Runs — Depreciation vs DR Dollars Report
◆ 756-153-792	1	User's Manual — Batch Runs — DR Incomplete Equipment Category Codes
◆ 756-153-794	1	User's Manual — Batch Runs — File 09 Dollar Balancing Initialization
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◆ 756-160-320	1	PICS/2 — Plug-In Movement — Student Workbook — Process Work Orders — 300.B, Part 1
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◆ 756-160-350	1	Plug-In Movement — Student Workbook — Verify Transactions — 300.E
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◆	756-180-100	1	Central Stock — Administrative Guide
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◆	756-182-200	1	EDP System Manual — Introduction and Index
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756-365-162	1	No. 5 Crossbar — Central Office Equipment Reports (COER) — Training and Administration Guide
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801-007-151	3	(J90605) — Rolling Ladders — Track Type

Cabinets

801-009-150	3	(J99204) — Alarm Circuit — Central Office, PBX or Auxiliary Telephone Repeater Station
801-009-151	4	(J99219) — Steel Equipment Cabinets Housing Miscellaneous Equipments
801-009-152	3	(J99354) — Facilities Serving Power Industry — Terminating Unit — Central Office and Power Stations
801-009-153	2	(J99355) — Facilities Serving Power Industry — Remote Drainage Unit
801-009-154	2	(J99356) — Facilities Serving Power Industry — High Voltage Interface Unit

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Fuse Bays

Add 801 010 150 1
801 010 150 3 (997033) — Angle Relay Rack Type

Add 801 010 151 1
801 010 151 4 (997037) — Bath Angle Type Relay Rack — Arranged for 7B Type Fuse

Miscellaneous Frames

801 015 150 3 (997035) — Cable Duct Type Bay Framework and Associated Parts

801 015 151 2 (997038) — Cable Duct Type Bay Framework With Unequal Flange Uprights and Associated Parts

801 015 152 1 (997039) — Universal Framework (UNIFRAME) and Associated Parts

Miscellaneous Equipment

801 025 150 9 (999234) — Long Line Equipment for Subscriber Lines to a Central Office

Add 801 025 153 1
801 025 153 1 (999242) — Miscellaneous Central Office Equipment Covered by Equipment Drawing Codes

Add 801 025 154 1
801 025 154 1 (999243) — 4-Wire Bridging Arrangement Using 2-Way Speech Multipoint System — Central Amplifier Circuit

Add 801 025 155 1
801 025 155 1 (999241) — 2-Wire Bridging Equipment Multiparty Private Lines — 20-Cycle Signaling

801 025 156 2 (999240) — Emergency Transfer Facilities to Provide Alternate Routes for Vital Circuits

801 025 157 1 (999228) — Trunking Facilities for Interconnecting Community Dial Offices With Operator Offices

801 025 158 4 (930087) — Trunks Interconnecting — Operator Offices With Community Dial Offices

801 025 159 2 (999265) — Loop Signal Converter and Long Line Equipment for Use With 154A1 Automatic Data Set Operation

801 025 160 2 (999294) — Transistorized Conference Amplifiers and Equipment for Four or Six Simultaneous Connections

801 025 162 6 (998610) — Program Transmission — Equipment for Central Office Distributing System

801 025 163 13 (930161) — Relay Rack Mounted Equipment for Traffic, Maintenance Desks, and Frames

801 025 164 3 (930121) — Relay Rack Mounted Equipment for Local Manual or Combined Local Manual and Toll Offices Interconnected by Intertoll Dialing Arrangements or by Toll Switching System No. 4

801 025 165 10 (999206) — Equipment Units — Relay Rack Mounted

801 025 166 11 (999235) — Equipment Units — Relay Rack Mounted

801 025 167 5 (999216) — Relay Rack Mounted Equipment — Located in Central Office or in Either a PBX or Toll Office Associated With PBX

801 025 168 3 (999226) — Battery Filters — Equipment and Wiring

801 025 169 3 (999278) — Decommutator Filter Unit

801 025 170 1 (998390) — Automatic Detection of Operating Line Pressure Contactors or Transducer Pressure Switches in Pressurized Exchange Cable

801 025 171 1 (998023) — Event Counter Unit

801 025 172 1 (999283) — No. 1A Line Concentrator — Battery Charging Unit

801 025 173 2 (999379) — Maintenance of No. 1A Line Concentrator Systems

Add 801 025 174 1
801 025 174 4 (999239) — No. 1A Line Concentrator — Emergency Units

Add 801 025 175 1
801 025 175 4 (992258) — No. 1A Line Concentrator — Control Frames and Units

801 025 176 2 (999305) — Line Concentrator No. 2B — Control Frame

801 025 177 2 (999306) — Line Concentrator No. 2B — Remote Frame

801 025 178 2 (999295) — Line Concentrator No. 2A — Remote Frame

801 025 180 1 Performance Requirements — Line Concentrator No. 2B

801 026 151 2 (999227) — 10 PPM Interrupter and Impulse Clock Supply

801 026 152 3 (999327) — J99327A Tone Generator (400A)

801 026 153 2 (999328) — J99328A Timer (5A)

801 026 154 3 (999329) — J99329A Control Unit (60A)

Add 801 026 155 1
801 026 155 2 (999340) — General Purpose 4-Wire — Order Circuit Equipment

801 026 156 1 (999342) — Preemption Tone Detector for AUTOVON

801 026 157 1 (999344) — Intercommoning Units — Master Specification

801 026 158 1 (998623) — Message Repeater Terminal Equipment for Long Subscriber Loops

801 026 159 4 (999348) — Plug to Long Line Units for Customer Lines to a Central Office or PBX and for Trunks Between a PBX and a Central Office

801 026 160 3 (MJ02517) — Signaling Range Extender for Coin Lines

801 026 161 5 (149803) — Testing Equipment (XMA1 — Performance and Remote Test Unit

801.026-167 3 (J49805) — Reader Cabinet — Paper Tape Reader Equipment — Electronic Data Processing — Automatic Message Accounting Systems

801.026-164 2 (J99365) — No. 1 Trunk Concentrator and Outgoing Trunk — Frames

801.026-165 3 (J99375) — Incoming Trunk Frames and Units — No. 1 Trunk Concentrator — Equipment Design Requirements — Common Systems

Add 801.026-166 1
801.026-166 2 (J99376) — Outgoing Trunk Unit and Outgoing Trunk Transmission Units — No. 1 Trunk Concentrator

801.026-168 1 (J93026) — Transmission Test Termination Units — Crossbar, Manual, Panel, Step-by-Step, PBX or Toll Office

801.026-171 3 (J99380) — Customer Premises Facility Terminal

Add 801.026-173 1
801.026-173 1 (J99391) — Message Printer Unit

801.026-180 1 Performance Requirements — No. 1 Trunk Concentrator

801-1 MINICOMPUTER EQUIPMENT

801.100-151 3 (J99366) — Unitized Bus Converter Unit — 16 Row by 16 Bit Scanner Matrix Unit — 4 Row by 16 Bit Signal — Distributor Matrix Unit

Adds 801.100.152 1
801.100.152 2 (J99379) — Programmable Scanner/Distributor (PSD)

801.100.153 2 (J10124) — Magnetic Tapes — UNIX Operating System

801-2 TEST EQUIPMENT

Test Frames, Test Sets

801.205.150 1 (J93027) — Remote Office Test Line Control Panel for Use With Electromechanical Remote Office Test Line System

801.205.151 7 (J93006) — Relay Rack Mounted Test Equipment

Add 801.205.152 1
801.205.152 5 (J93017) — Relay Rack Mounted Test Equipment

801.205.154 2 (J93025) — Cross Station Test Line Calibration Set

801.205.155 A (J94711) — Pulsing Card Test Set — Box Type — Wall Mounted

801.205.157 6 (J94713) — Relay Timing Test Set for Testing Relays for Time Adjustments (Box Type)

801.205.158 5 (J94714) — 35F Test Set (Box Type) for Adjusting Relays and Other Electromagnetic Apparatus

801.205.159 5 (J94715) — Call Thru Test Set (Box Type) and Associated Connecting Facilities for Originating and Receiving Calls Over Subscriber Line Circuit

801.206.160 1 (J94720) — Jack Test Set (Box Type)

801.206.161 1 (J94722) — Pulse Checking Test Set — (Box Type)

801.205.162 1 (J94724) — Current Checking Test Set (Box Type)

801.205.163 3 (J94725) — Test Set for Measuring Current Relays

801.206.164 1 (J94726) — Calibrator Set — 20 Filters Per Set — Test

801.205.165 3 (J94727) — 1A Signaling Test Set

801.205.166 2 (J94728) — Trunk Test Set for Test of Intercepting Trunks to Information Desks from A-4 and 8

801.205.167 2 (J94729) — Trunk Test Equipment for Test of Incoming, Automatic Intercepting or Intercepting Trunks

801.206.168 1 (J94730) — 1A Fault Locator Test Set

801.206.169 1 (J94731) — Cold Cathode Tube Test Set

801.205.170 3 (J94732) — 3A Pulse Generating Test Set, Universal Type, and 3A Ring Control

801.205.171 1 (J94735) — Magnetic Latching Relay — Timing Test Set

Add 801.206.172 1
801.206.172 2 (J94738) — Remote Testing Test Set

801.205.173 2 (J94743) — 3A Signaling Test Set for Maintenance and Testing in Loop, Single Frequency E&M Trunk and DX Signaling System

801.205.174 1 (J94742) — Portable Auxiliary Trunk Test Set for Use in Testing Trunks to No. 5 Crossbar ACD

801.205.175 2 (J94744) — D.C. MF and MF and D.C. KP Pulsing Control Set

801.205.176 2 (J94722) — Pulse Repeating Test Set (Universal)

801.205.177 1 (J99233) — Telephone and Test Equipment for Testing 2- and 4-Wire Private Lines

801.205.178 2 (J99247) — TOUCH-TONE® Station Test Receiver — Signaling

801.206.150 1 (J99548) — System Test Circuit for TOUCH-TONE® Automatic Dialer

Add 801.206.152 1
801.206.152 1 (J94748) — No. 1A Pulsing Analyzer — Portable Type

801.206.153 1 (J94749) — Two-Trunk Combination — Portable Trunk Test Set

Test Cabinets, Test Desks, Desks, Key Cabinets Testboards, Test Units

801.220.150 9 (J94713) — Local Test Cabinet No. 2 — (Box Type)

Add 801.220.161 2
801.220.161 1 (J94709) — No. 3 Local Test Cabinet

801.221.150 A (J95001) — Loudspeaking Telephone System for Communication Between No. 1A Local Test Desk and No. 3 Cable Test Desk and Distributing Frames

Add	801-221-151	2	
	801-221-151	9	(J95002) — No. 14 Local Test Desk
	801-221-152	4	(J95003) — No. 3 Cable Test Desk
Add	801-221-154	1	
	801-221-154	3	(J95005) — Test Desk and Associated Supporting Relay Rack — Equipment Frames — No. 16 Local Test Desk
	801-222-150	5	(J94801) — No. 2 Repair Service Desk
	801-222-151	3	(J94703) — Test Supervisor Private Desk
	801-223-150	5	(J94907) — No. 20 Key Cabinet
	801-223-151	3	(J94909) — No. 21 Key Cabinet
	801-224-150	2	(J63523) — No. 2A Toll Test Unit — Mobile Wheatstone Bridge — Voltmeter and Telephone Unit
	801-224-151	2	(J63528) — No. 5A Toll Test Unit
	801-224-152	1	(J94745) — Multifrequency Signaling Test Unit
	801-224-153	1	(J94746) — Multichannel Tone Test Unit
	801-224-154	1	(J94748) — 24 Channel PCM Bank Type D1 — Encoder Bias Digital Test Set
	801-225-150	2	(J63509) — Talking and Signaling Set Equipment for Testboards
	801-225-151	7	(J63513) — Miscellaneous Panels and Units for Use With Testboards (also numbered 807-409-150)
	801-225-152	9	(J63517) — Miscellaneous Panels and Units for Use With Testboards
	801-225-153	6	(J63516) — No. 17B Testboard
	801-225-154	3	(J63519) — 17C Testboard
	801-225-155	2	(J63529) — No. 17D Testboard
	801-225-156	1	(J63531) — No. 17E Testboard
	801-225-158	2	(J63527) — No. 19A Testboard
	801-225-159	1	(J63530) — No. 20A Testboard
Add	801-225-160	1	
	801-225-160	3	(J63532) — No. 21A Testboard
	801-225-161	1	(J99267) — Remote Telegraph Testboard — Switch Frame
	801-225-163	2	(J63524) — Circuit Patching Bay
	801-225-180	4	Performance Requirements — Testboards No. 4, No. 5, No. 16, No. 17B, 17C and No. 18B
	801-225-181	2	Performance Requirements — Amplifiers, Amplifier-Rectifiers, and Weighting Networks for Testing and Maintenance
	801-225-182	1	Performance Requirements for Remote Telegraph Testboard Switch Frame

Transmission and Noise Measuring Equipment

Specifications

	801-250-150	10	(J94002) — 2-Type Panels, Units, and Portable Test Sets for Transmission Measuring
Add	801-250-151	1	
	801-250-151	6	(J94003) — Noise Measuring Sets
	801-250-152	6	(J94004) — Transmission Test Line or Test Trunk Equipment — Crossbar, Manual, Panel, Step-by-Step, PBX, or Toll Office
	801-250-153	7	(J94005) — Using 1U and 1W Amplifier Rectifier (Analog TMS) or KS-20805 Transmission Measuring System (Digital TMS)
Add	801-250-154	3	
	801-250-154	6	(J94006) — Transmission Measuring — 6-Type Noise Measuring Equipment
Add	801-250-155	1	
	801-250-155	2	(J94007) — Transmission Measuring Carrier Frequency Noise — Measuring Set
	801-250-157	3	(J94022) — Transmission Measuring — 22A Milliwatt Reference Meter
Add	801-250-158	1	
	801-250-158	5	(J94023) — 23-Type — Transmission Measuring Set
	801-250-159	3	(J94024) — 24-Type — Subscriber Loop Transmission Checking Equipment
	801-250-160	5	(J94025) — J94025 Type — Voiceband Gain and Delay Set
	801-250-161	1	(J94026) — J94026 — Wideband Gain and Delay Set
	801-250-162	4	(J94027) — 27-Type P/AR
	801-250-163	7	(J94051) — 51-Type Automatic Transmission Measuring System — Transmission Measuring
	801-250-165	8	(J94071) — 71-Type Milliwatt Reference Generators, Office Tone Sources, and Associated Distributing Arrangements
	801-250-166	4	(J99254) — 54-Type Test Sets for Use With E6 and E7 Telephone Repeaters
Add	801-250-167	1	
	801-250-167	10	(J93020) — Automatic Transmission Measuring System
	801-250-168	4	(J93024) — Wideband Test Terminations (100 and 102 Type) — Echo Suppressor Test Termination (108 Type) — Test Line (107 Type) Equipment
	801-250-169	2	(J94028) — Transmission Measuring — Continuity Test Circuits
Add	801-250-170	1	
	801-250-170	2	(J94008) — 8-Type Tone Detector — Transmission Measuring
	801-250-172	2	(J94052) — 52-Type Automatic Transmission Measuring System — Transmission Measuring

801-250-173 2 (J940541 — ATMS Interrogators and Associated Equipments

801-250-175 1 (J940561 — S6A Mini-Responder — Transmission Measuring

801-250-177 2 (J1C1401 — Digital Access Timeslot Selector (DATS) — Transmission Test

Performance Requirements

801-270-180 1 Amplifiers and Weighting Networks for Testing and Maintenance

801-270-181 2 (J68831A) — Visual Transmission Measuring Set

801-4 LINE BALANCING AND DELAY EQUALIZING, REPEATING COILS, VF REPEATERS, VF MAINTENANCE, RADIO AND CARRIER

Line Balancing, Delay Equalizing, Repeating Coils

801-401-150 7 (J986071 — Line and Balancing — Repeating Coil Equipment Units — For Open Wire or Cable Circuits — Arranged for CX Signaling

801-401-151 6 (J986161 — Line and Balancing — Impedance Compensator and Impedance Corrector — Panel and Bay Equipments

801-401-152 4 (J992921 — Amplitude and/or Delay Equalizing Units for Use With Voice Frequency Circuits

801-401-153 1 (J993471 — Amplitude and/or Delay Equalizing Units for Use With Voice Frequency Circuits

VF Repeaters and VF Maintenance

801-405-150 3 (J986111 — E1 Telephone Repeater

801-405-151 6 (J986121 — E2 and E3 Telephone Repeaters and E Repeater Test Set

801-405-152 8 (J992531 — E6 Telephone Repeaters and Unit and Bay Equipments for E6 and E7 Telephone Repeaters

801-405-153 1 (J992711 — E7 Telephone Repeaters

801-405-180 3 Performance Requirements — E1 Telephone Repeater SD-95465-01 (J98611A)

801-405-181 3 Performance Requirements — E2 and E3 Telephone Repeaters

801-406-151 8 (J986151 — V4 Telephone Repeater — Bay Equipment Panels and Associated Terminating Equipment

Add 801-406-152 1
801-406-152 2 (J986191 — Message and Signal Repeater for Long Subscriber Loops

801-406-160 9 (J99343) — Metallic Facility Terminal

801-406-161 2 (J993781 — Metallic Facility Terminal With Maintenance Access Provisions

801-406-162 3 (J993861 — Metallic Facility Terminal Connectorized Modular

801-406-163 2 (J993941 — Metallic Facility Terminal Connectorized Modular With Maintenance Access Provisions

801-406-164 1 (J99400) Packaged Metallic Facility Terminal — Assemblies for Network Termination and Central Office Application

801-406-165 3 (J994011 — Metallic Facility Terminal — Special Arrangements and Mounting Equipment

801-406-166 1 (J99402) — Automated Transmission Terminal System (ATTS), Metallic — Metallic Facility Treatment (MFT 5)

801-406-167 1 (J994031 — Automated Transmission Terminal System (ATTS) Provisioning Controller

801-406-180 4 Performance Requirements — V3 Telephone Repeater

801-407-150 4 (J986171 — VF Bay Assemblies and Associated Equipment to Provide Transmission Features Such as Level Adjustment, Equalization, and Signaling

801-407-151 4 (J986201 — Miscellaneous Voice Frequency Equipment

801-407-152 3 (J986211 — Voice Frequency — Transmission Maintenance — Bays and Associated Panels

801-407-153 4 (J986241 — VF Bay Assemblies and Associated Equipment to Provide Transmission Features Such as Level Adjustment, Echo Suppression, Equalization, and Type F Signaling

801-407-154 6 (J993381 — Special Voice-Frequency Equipment for Use With Operator Services, Test Facilities or Similar Applications

801-407-155 4 (J986251 — Range Extender With Voice Frequency Gain (Reg)

801-407-156 3 (J986261 — Unitized VF Terminal Equipment — F Type Signaling, A6 Carrier Channel Banks and Associated Equipments

Add 801-407-159 1
801-407-159 2 (J986291 — Unitized Analog Facility Terminal With A6B/DFSG Channel Banks, VF Attenuation and Optional F Signaling and 4A Echo Suppressors and Optional 2B or 2BX SMAS — No. 3 Maintenance Connectors

801-407-160 2 (J986311 — Miniature Range Extender With Voice Frequency Gain (Min REG)

801-407-180 1 Performance Requirements — J99338 Switched Gain Repeater

Add 801-408-150 1
801-408-150 3 (J993201 — Switched Maintenance Access System No. 1A

801-408-151 3 (J986221 — Relay Rack Equipment — Switched Maintenance Access System No. 3(F)

Add 801-408-152 1
801-408-152 1 (J993571 — Testboard No. 24A

801-408-153 3 (J993591 — Switched Maintenance Access System (SMAS)—Interface and DF Access ISMAS 4) Equipment for Use With SMAS 5A/RTS 5A Equipment to Provide a SMAS 5B/RTS 5A Network

801-408-154 3 (J993611 — Intertoll and Integrated Manual Line Frame Testboard No. 25A)

801-408-155 1 (199362) — Voice Frequency Transmission — Status Display Frame

801-408-156 1 (199363) — Voice Frequency Transmission — Status Concentrator Frame

Radio

Specifications

801-415-150 3 (199308) — Short Haul Radio Systems — TJ, TL 2, and TM-1 — Application Specification

Add 801-415-151 1
801-415-151 2 (199266) — TL-1 Radio — Transmitter Receiver Equipment — Order Wire and Alarm Equipment

801-415-152 3 (199296) — TL 2 Radio — Transmitter Receiver, Order Wire and Alarm Diversity Switch, Video, and Associated Equipment — Common to Short Haul Radio System

801-415-153 3 (199802) — TM-1 Radio — Transmitter Receiver Equipment, Power Amplifier, and Associated Equipment — Common to Short Haul Radio Systems

801-415-155 1 (199361) — TM-2 Radio — Transmitter Receiver Equipment

Performance Requirements

801-415-180 1 TL Microwave Radio Transmitter Receiver

801-415-181 2 TL 2/TM-1 Microwave Radio — Transmitter Receiver

801-415-182 1 FM-A1 Power Amplifier

801-415-183 1 TM-1 Microwave Radio — TM-1 Transmitter Equipped With TM-B1 Power Amplifier

801-415-185 1 TM-2 Microwave Radio — Transmitter Receiver

N1 Carrier

Specifications

801-430-150 13 (198703) — N1 Terminal and Repeater — N1, O1, and ON-1 Miscellaneous Equipment

801-430-151 6 (198704) — Order Wire and Alarm

801-430-152 2 (199333) — N Carrier Telephone — Schedules A and B Program Terminal — Plug-In Units and Shop-Wired Terminal

Performance Requirements

801-430-180 5 Terminal Mountings

801-430-181 4 N1 and ON1 Carrier Telephone Repeater Mounting

801-430-182 2 Order Wire and Alarm Circuits

801-430-183 1 Reversing Circuit and Associated Branch Circuits for Schedule A and B Program Transmission

801-430-184 2 Deviation Regulator

801-430-185 2 (198703BE Adjustable Deviation Equalizer — N and ON Carrier Telephone Systems

N2 Carrier

Specifications

801-431-150 8 (199372) — Terminal Equipment — Plug-In Units and Shop-Wired Bays

801-431-151 6 (199365) — Pre-Equipped Terminal Equipment

801-431-152 5 (199321) — N Carrier Telephone — FJ Carrier Repeaters

801-431-153 2 (199323) — N Carrier Telephone — N2 Line Build Out and Cord Connection Equipment

Performance Requirements

801-431-180 1 Terminal Bays

N3 Carrier

801-432-150 4 (199300) — N3 Terminal 6A1 Type B or C Junction, and Common Control Frequency Supply

Add 801-432-151 1
801-432-151 3 (199331) — FJ-3 Junction

801-432-155 3 Terminal Equipment — N4 Carrier Telephone

O, ON and ON/K Carrier

Specifications

801-435-150 7 (198705) — O Carrier Telephone — Terminals and Repeaters

801-435-151 6 (198706) — ON Carrier Telephone — Repeater, Junction, and Multiplex Equipment

801-435-152 4 (198709) — ON/K Carrier Telephone — Terminal, Repeater, and Junction Equipment

Performance Requirements

801-435-180 6 O1 Carrier Telephone Terminal Mountings

801-435-181 3 O1 Carrier Telephone Repeaters

801-435-182 2 ON1 Carrier Telephone Terminals and Junction Mountings

801-435-183 1 20 Channel-40 Channel Combining Circuit of ON1 Carrier Telephone for Radio

801-435-184 1 ON/K Carrier Telephone Terminal, Repeater, and Junction Mountings

801-435-185 1 ON/K Carrier Telephone Adjustable Deviation Equalizer

Loop Carrier

801-440-001 1 (1C342) — Pair Gain Test Controller (PGTC)

Add 801-441-150 1
801-441-150 3 (199332) — U-1 Subscriber Loop Carrier

801-441-151 2 (198729) — Subscriber Loop Carrier 1 (SLC-1)

801-444-170 1 KS-20988 Multi-Channel Subscriber Carrier

801-445-150 1 (1C123) — Loop Switching System

801-450-103 3 (UC128) — SLC-8 Subscriber Loop Carrier System

801-450-104 1 Subscriber Loop Carrier 96 — SLC 96 Channel Bank Equipment

801-450-105 1 (UC171) — SLC-24 Subscriber Loop Carrier System

801-450-150 3 (UC046) — Subscriber Loop Multiplexer

Add 801-450-151 1
801-450-151 4 (UC049) — Subscriber Loop Carrier-48 (SLC-48)

801-5 DIGITAL TRANSMISSION FACILITIES

Channel Banks

Specifications

801-500-150 2 (998731) — DSX-1, DSX-1C, and DSX-2 — Patch and Cross Connect — Equipment Design Requirements — Common Systems

801-500-152 1 (PE753) — Digital Access and Cross Connect System — System Application and Equipment Design Requirements

801-500-164 1 (998739) P-QUARK — Programmable Quantum Analyzer and Record Keeper

801-505-150 3 (998710) — D1 Channel Bank Equipment for Use With T1 Carrier

801-505-151 3 (998713) — Wideband Data Equipment for Use With T1 Carrier

801-505-153 4 (998714) — D2 Channel Bank Equipment for Use With Digital Transmission Systems

801-505-154 1 (998715) — Universal D3 Channel Bank Key With Optional SMAS

801-505-155 3 (998726) — D4 Channel Bank Equipment for Use With Digital Transmission Systems

801-505-166 1 (998729) — DCT Channel Bank Equipment for Use With Digital Transmission Systems

801-505-157 2 (998733) — Voice Frequency Transmission — Universal Digital Transmission Facilities Terminal, D4 Channel Banks With SMAS 3 or SMAS 4 Access Circuit

Performance Requirements

801-505-180 1 T-1 Carrier Terminal Bay — D1 Bank

801-505-181 1 D2 Channel Bank

Transmission Lines

Specifications

801-523-150 4 (998710) — T1 Carrier — System Requirements and Repeater Bay Equipment

801-523-151 2 (998717) — D2 Digital Line — System Application Specification

801-523-152 2 (998721) — 24M Digital Loop — System Application & Equipment Design Requirements

801-523-153 1 (998726) — T1C Carrier — System Requirements and Repeater Bay Equipment

801-523-156 2 (998728) — T1/QS Digital Transmission System — Line and Terminal Equipment

801-523-166 1 (998743) — Transversal Equalizer Bay — 90ft Digital Regenerator

Performance Requirements

801-523-180 1 T-1 Carrier — Office Repeater Bay

801-523-181 2 Carrier Alarm Circuit

801-523-182 1 T1/QS Line Terminal Bay Circuits — Common Systems

801-523-183 1 24M Digital Channel Line — Voice Terminating Frame (998721A, B)

801-523-664 1 (998743) Radio Line Terminating Frame (RTF) and Radio Line Terminating Attachment (RTA) — 6A Radio Digital System (6A-RDS)

Multiplexer

Specifications

801-525-151 1 (998714) — M1.3 Digital Multiplex System Application

801-525-152 3 (998723) — M24 Digital Multiplex — Digital Transmission Facilities — System Application

801-525-154 2 (998724) — Digital Transmission Facilities — M13 Digital Multiplex — System Application

801-525-156 1 (998727) — M1" Digital Multiplex for T1C Carrier

801-525-157 1 (998737) — M1C-A Digital Multiplex for T1C Carrier

Performance Requirements

801-525-180 1 Digital Multiplex/Demultiplex Circuit, M1.3

801-525-181 1 M13 Digital Multiplex Circuit

801-525-183 1 M24 Digital Multiplex

801-525-184 1 Digital Multiplex/Demultiplex Circuit Type M1C

801-525-185 1 M24 Multiplex Assembly 998734A

801-525-186 1 M24 Lightwave Terminating Multiplex Assembly 998738

801-525-187 2 T1C Line Repeater Bay

801-525-189 1 Digital Multiplex/Demultiplex — Circuit Type M1C-A

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801-6 ALARM, ANNOUNCEMENT, SELECTIVE SIGNALING, WARNING, ALERTING, AIR GROUND COMMUNICATION, CODE CALLING, REPORTING, SIGNALING SYSTEMS AND SIGNALING EQUIPMENT

Alarms

Specifications

Add 801-601-150 1
801-601-150 6 (J99202) — Central Office Fire Drill Equipment

801-601-151 6 (J99232) — Audible and Visual Alarm Equipment Units for Interconnection of No. 5 Crossbar With Other Systems (Dually Numbered With 819-752-150)

801-601-152 7 (J93009) — Central Office — Audible and Visual — Maintenance Alarm Equipment

Add 801-601-153 2
801-601-153 1 (NJ010461 — Central Office — Audible and Visual — Maintenance Alarm Equipment

801-601-154 7 (J98302) — Emergency Alarm System — Automatic Fire-Detection Feature

801-601-155 4 (J98303) — Emergency Alarm System Without Code Signaling

801-601-156 15 (J98304) — Alarm Transfer Equipment Units — No. 5 Crossbar and Common Systems (Also Numbered 819-751-150)

801-601-157 1 (NJ01078) — Central Office — Fuse Alarm — Maintenance Equipment

801-601-158 6 (J28350) — Emergency Alarm Systems With or Without Code Signaling Including Automatic Fire-Detection Feature

801-601-159 1 (NJ01207) — Unattended Office — Audible and Visual — Maintenance Alarm Equipment

801-601-181 1 Central Office Alarm System — NJ01046 — Strapping and Interconnection Instructions

Announcement Systems

Specifications

Add 801-603-150 1
801-603-150 9 (J95403) — Announcement Supply Equipment

Add 801-603-151 1
801-603-151 3 (J95410) — 2B — For Subscriber Operated Announcement Service

801-603-152 1 (J95418) — No. 2D

Add 801-603-153 1
801-603-153 6 (J95411) — No. 3A — Equipment Design Requirements

801-603-154 4 (J95415) — Emergency

801-603-155 5 (J95416) — No. 4A

Add 801-603-156 1
801-603-156 5 (J95417) — No. 6A — For Machine Intercept Service

Add 801-603-157 1
801-603-157 3 (J95420) — 8A

Add 801-603-158 1
801-603-158 5 (J95419) — No. 9A

801-603-159 2 (J99276) — No. 11A

801-603-160 3 (NJ02506) — Apartment Door Answering Service

801-603-161 6 (NJ02500) — Automatic Number Announcer and Verification Units

801-603-162 1 (J1C012) — Recorded Announcement Frame — Variable Message Length, Modular Message, Phased Message Announcement Service and Message Synthesis Service

801-603-163 1 (J1C124) — 13A — For Recording and Reproducing Dial Facilities Management Announcements

801-603-170 1 No. 6A — Machine Intercept

Performance Requirements

801-603-180 1 Announcement Machine Intercept Circuits

801-603-181 2 No. 3A

801-603-182 3 1248 Amplifier

Selective Signaling

801-605-150 7 (J99252) — SS1

801-605-151 1 (J98614) — Telephone Order Wire Equipment — Using SS1

Warning, Air-Ground Communication, Alerting

801-606-150 5 (J99237) — Civil Air Defense Warning System

801-606-153 2 (J99245) — Air-Ground Voice Communication System

Add 801-606-155 1
801-606-155 7 (J95421) — Group Alerting System

Code Call

801-607-150 6 (J58822) — 3A Code Call Unit

801-607-180 1 3A Code Call Circuit

Reporting

Add 801-608-150 1
801-608-150 6 (J99244) — 520A Emergency Reporting System

801-608-151 6 (J99246) — 520B Emergency Reporting System

Add 801-608-154 1
801-608-154 4 (J99257) — 520D Emergency Reporting System

Add 801-608-155 1
801-608-155 3 (J99251) — 520E — Industrial Emergency Reporting System

801-609-152 3 (J92617) — E2 Status Reporting and Control System — Central and Remote Bays — Summarizing Specification — Operations Support System

801-609-153 1 (992618) — F2 Morse Reporting and Control System — Equipment Units

Signaling Systems

MF Pulsing

801-620-150 6 (995102) — Receiving Equipment

801-620-151 7 (998609) — Multifrequency Current Supply for AC Keyset and Multifrequency Pulsing Senders

801-620-152 2 (993371) — Receiver

801-620-153 2 (11C011) — Multifrequency Supply and Distribution Units

801-620-154 1 (993531) — Multifrequency Receivers and Transmitters for Use in Electronic Central Offices

801-620-155 1 (993731) — Multifrequency Interface Units

801-620-156 1 (993851) — Dual Channel Receiver Unit

801-620-157 1 (99389) — Coin Tone Receiver

801-620-170 2 The Multifrequency Pulsing System

801-620-180 3 Performance Requirements — 998609 Multifrequency Pulsing Supply

Touch-Tone Calling

801-621-150 2 (99266) — Receiver

801-621-151 3 (992891) — Receiver — Type A3

Add 801-621-152 1
801-621-152 3 (99322) — Centralized Touch-Tone Calling Equipment for PBX Services — PBX and Common Systems (Dually Numbered With 809-140-153)

801-621-154 1 (99374) — Touch-Tone Calling Receiver

801-621-155 2 (99388) — Touch-Tone Signaling Receiver — Type H

Metallic Terminal System

801-630-150 3 (11C015) — Metallic Terminal System

Signaling Equipment

CX, SX

801-640-150 7 (98602) — Composite Signaling — Signaling Signal Converting, Repeating Coil, Balancing Network, and Compromise Network Units

801-640-151 5 (98603) — Simplex Signaling Equipment Units for D-C Supervisory and Dial Pulse Signaling

801-640-152 5 (98604) — Combination Type "B" Composite Signaling, Repeating Coil, and CX Set Equipment Units for Transmitting and Receiving Supervisory and Dial Pulses

801-640-153 10 (98605) — Miscellaneous Trunk, Signal Converting, and Signal Repeating Equipment Units for Repeating Signals or Converting Type "B" Composite or Simplex Signals to Dial Pulses or Supervisory Signals

801-640-154 10 (98606) — Type "B" CX Signaling — Signaling Equipment Units and Associated Network Equipment for Transmitting and Receiving Supervisory Signals and Dial Pulses

FSP

801-641-150 1 (995113) — B1 Frequency Shift Pulsing — Transmitting Equipment

801-641-151 1 (995114) — B1 Frequency Shift Pulsing — Receiving Equipment

E-Type

Add 801-642-150 1
801-642-150 15 (98613) — E-Type — AC Trunk Signaling System

801-642-170 2 2400- or 2600-Cycle Single-Frequency Signaling System

801-642-180 3 Performance Requirements — 2400- or 2600-Cycle Supply Unit — (SD-98092-01) and Load Transfer Unit (SD-98091-01)

801-642-181 3 Performance Requirements — 2000-Cycle Supply Unit J98613AJ and Load Transfer Unit J98613W

801-642-182 1 Performance Requirements — J98613B 2600-Cycle Supply Unit (SD-98080-01)

F-Type

801-643-150 9 (99335) — AC Trunk Signaling System

801-643-155 1 (99349) — Customer Premises — Signaling and Transmission Equipment

G-Type

801-644-150 2 (99395) — SF Signaling System — Type G-Standalone Bay

Add 801-644-151 1
801-644-151 1 (99396) — SF Signaling System — Type G-Consolidated Bay

Add 801-644-152 1
801-644-152 1 (99397) — SF Signaling System — Universal Terminal Equipment — G-Signaling/N4 Carrier With SMAS

ANI-6 Identifier Units

801-650-150 1 (11C081) — For Use With No. 1 or 1A Automatic Message Accounting Recording Center

801-7 "PICTUREPHONE" EQUIPMENT

801-701-150 1 (11C150) — Video Loop Equipment

Add 801-701-152 1
801-701-152 1 (99341) — Wideband Remote Switch and Wideband Supplementary Remote Switch Frames

801-702-001 1 (90104) — PICTUREPHONE Meeting Service (PMS) — Room Controller — Equipment Design Requirements — Common Systems

801-8 ELECTRONIC SWITCHING TYPE EQUIPMENT

Miscellaneous

801 801 150 3 (J1A044) — Main Intermediate and Trunk Distributing Frames

801 801 151 9 (J1C035) — Teletypewriter Equipment for Use With No. 1 ESS in the Same or Distant Building

801 801 152 2 (J1C037) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A3

Add 801 801 153 1
801 801 153 3 (J1C000) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A1

801 801 154 3 (J1A050) — Protector Frame — No. 1 Electronic Switching Systems

801 801 155 2 (J1A054) — Lineup Cable Racks and Cross-Aisle Cable Troughs for 7-Foot Framework

801 801-158 3 (J99360) — CCIS Terminal Unit

801 801 162 1 (J99399) — CCIS Data Set Frame

801 801 180 1 PBX Automatic Identified Outward Dialing — Performance Requirements — No. 1 and No. 5 Crossbar TAMA and ANI Offices — Panel and Step by Step ANI Offices

801 801 181 1 PBX Automatic Identified Outward Dialing — Type A2 — Performance Requirements — No. 1 and No. 5 Crossbar TAMA and ANI Offices — Panel and Step-by-Step ANI Offices

801 801 182 2 Central Office Engineering — General Engineering Information — Cable Distribution Systems and Systems Assembly in Electronic Offices Using 7-Foot Frameworks

Stored Program Control No. 1A

801 820 150 2 (J1C020) — Processor Frame

801 820 151 6 (J1C021) — Control and Display Program Tape and Teletypewriter Frame

801 820 152 4 (J1C022) — Master Scanner Frame

801 820 153 4 (J1C023) — Signal Distribution Frame

801 820 154 3 (J1C024) — Control Pulse Distributor Frame

801 820 156 4 (J1C026) — Store Frame

801 820 157 3 (J1C027) — General

801 820 158 1 (J1C028) — Limiting Conductor Conditions

801 820 159 2 (J1C029) — Test and Maintenance Sets

801 820 160 3 (J1C083) — Common ESS — IGT&T Store Frame and SSAS Announcement Store

801 820 161 2 (J1C030) — Peripheral System Interface Frame — Stored Program Control No. 1B

3A Control Control

801 822 150 1 (J1C050) — Equipment Design Requirements

801 822 152 2 (J1C052) — Main Store

801 822 153 1 (J1C053) — Tape Data Controller — Electronic Switching Systems

801 822 154 1 (J1C054) — Teletypewriter Controller Unit — No. 2B and No. 3 TTY

801 822 155 1 (J1C055) — System Status Panel Controller

801 822 156 1 (J1C056) — System Status Panel Relay Unit

801 822 157 2 (J1C057) — Processor Frame Power Unit

801 822 158 1 (J1C058) — Processor Frame

801 822 160 1 (J1C060) — Maintenance Frame — Common ESS

801 822 161 1 (J1C061) — Maintenance Frame Power Unit

801 822 164 1 (J1C064) — Power Unit — Supplementary Main Store Frame

801 822 165 1 (J1C065) — Supplementary Main Store Frame

Auxiliary Data Processors

801 823 150 2 Programmable Controller

801 823 151 1 Writable Program/Data Store (J1C122)

DIVISION 802 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — POWER SYSTEMS

802-0 Indexes, General Information, and Miscellaneous Equipments
-1 Regulators, Battery and Charging Equipments, Control and Fuse Boards, and Power Distributing Equipment
-2 Inverter and Converter Equipments
-3 Power Supplies
-4 Rectifiers (See also Power Supplies)
-5 Submarine Cable Systems
-6 Power Plants — Miscellaneous and 100 Type
-7 Power Plants — 200-, 300-, and 400 Types
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802-001-195	2	Protective Grounding System — Equipment Ground System, Central Offices — General Interface Requirements for Electronic Switching Systems
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802-004-151	2	(J86735) - Power Service Equipment and Calculations
802-004-152	1	(J86734) - Ringing Generator Calculations
802-005-150	2	(J86432) - Bus Bar and Cabling Arrangements — 111A, 302A, 303A, 702C, and 708A Power Plants
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Add 802-006-150	1	
802-006-150	1	(J86836) - Exhaust Line Size Requirements — For 20- to 500 KW — Stationary Diesel Engine-Alternator Plants
802-006-180	6	Installation of Internal Combustion Engines and Associated Piping
802-007-150	5	(J86413) - Mounting and Spacing Information — Miscellaneous Power Plant Equipment
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Miscellaneous Equipments

802-010-150	3	(J86728) - Ventilating Equipment — For Rooms Having Engine Driver Generators
802-011-150	1	(J85512) - Modular Cooling System Planning and Engineering Guidelines
802-015-150	3	(J85505) - Central Office Lighting — Fluorescent Type
802-015-151	5	(J85506) - Bus Duct — KS-20085 Trolley Type
802-015-152	3	(J85507) - Frame and Aisle Lighting Equipment — KS-15673 Fluorescent Type Track Integrated Fixture
802-015-153	2	(J85508) - Power and Engine Room Lighting Equipment — Fluorescent Type
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802-015-157	8	(J95501) - Frame and Aisle Lighting — Incandescent Type — Appliance Outlets and Miscellaneous Conduits
802-015-158	5	(J95502) - Emergency Lighting Equipment — Battery Type for Central Offices
802-015-159	4	(J95503) - Central Office Lighting — Fluorescent Type for Distributing and Protector Frames
802-015-160	2	(J85515) - Central Office Lighting — Fluorescent Type
Add 802-025-150	1	
802-025-150	2	(J87299) - Control Equipment — Printed Wiring Board Assemblies
802-025-151	1	(J87390) - Regulation and Control Units for Thyristor DC-to-DC Converters
Add 802-026-150	1	
802-026-150	2	(J86482) - AC Service Equipment — For TH Radio System — 120/208 and 230 Volts
802-027-150	3	(J86486) - Tube Cooling System — For TH Radio System

	802-028-150	3	(J86845) - Signaling Circuit — Busy Tone Supply — J86845A — 4-Wire Voice/Record Network — J86845B — Basic 911 Emergency Service
	802-028-151	1	(J87353) - Precise Busy Tone Supply for Small Step-by-Step Offices
	802-028-152	1	(J87395) - Interrupter Unit — 30, 60, and 120 IPM
	802-029-150	12	(J86212) - Small Ringing and Signaling Equipments
Add	802-029-151	1	
	802-029-151	5	(J86726) - Small Signaling Equipments
	802-029-152	10	(J86727) - Small Ringing Equipment
Add	802-029-153	2	
	802-029-153	1	(J86643) - Ringing Equipment — 17V Ringing & — 72V Distribution for No. 5 Crossbar Long Loop Range Extenders
	802-029-154	1	(J86889) - Ringing and Tone Supply — Battery and Batteryless Operation — For 810A PBX
	802-029-155	1	(J85528) - 891A 0.5 Ampere — Auxiliary Ringing, Tone and Cadence System for Central Office — Nonswitched Load Application
	802-029-160	2	(J86294) - Ringing Demand Meter Equipment — For Use on 1/4-, 1/2-, 1-, 2-, 4-, and 6-Ampere 20-Hz Ringing Plants
	802-030-150	1	(J86733) - Filter Units — VHF Interference Suppression
	802-032-150	2	(J86276) - Cable Current Meter — Calibrating Unit
	802-033-150	11	(J86725) - AC No-Voltage and Low-Voltage Alarm and Automatic Engine Alarm Equipments
	802-033-151	4	(J87253) - Power Supply Transfer and Alarm Unit — Semiconductor Type — −24 Volt Input
Add	802-034-150	1	
	802-034-150	3	(J86634) - Automatic Solid State Control Unit For Reserve Diesel-Engine Alternator Plants
	802-034-151	2	(J86742) - AC Reserve Energy System — Controller for Automatic Paralleling and Load Management
	802-034-152	3	(J86743) - AC Reserve Energy System — Universal Engine Control
	802-034-154	3	(J85520) - Microprocessor Controller for Diesel Engine-Alternator Sets
	802-034-155	1	(J85529) - Microcomputer Controller for Analog Circuit Processing
	802-035-150	1	(J87339) - Rectifier Sequence Control Unit — For 100, 300, 400, and 700 Type Power Plants
	802-035-151	1	DC-to-DC Converter Plant — Control Panel — Equipment Design Requirements — Power Systems
	802-036-150	1	(J85517) - TRIPORT — 208 VAC/48 VDC Input — 208 VAC 5.6-KVA 60 Hz Single Phase Output
	802-036-151	2	(J85518) - TRIPORT Power Supply — 208-VAC/48-VDC Inputs — 208V and 120V Single-Phase 60 Hz 11.2- or 5.6-KVA Output
	802-036-155	1	(J85526) — AC TRIPORT II UPS — 208 VAC/48 VDC Input — 208-VAC 5.6-KVA 60-Hz Single-Phase Output
	802-036-156	1	(J85527) — TRIPORT II UPS — 208 VAC/48 VDC Input — 120-VAC 5.6-KVA 60-Hz Single-Phase Output

802-1 REGULATORS, BATTERY AND CHARGING EQUIPMENTS, CONTROL AND FUSE BOARDS, AND POWER DISTRIBUTING EQUIPMENT

Regulators

	802-101-156	1	(J86748) - Voltage Regulator — Electronic Type — For 20-Cycle Motor Generator Sets
	802-102-150	2	(J86253) - Regulator — Electronic Speed and Contact Type Voltage
	802-102-156	3	(J86268) - Voltage Regulator — Magnetic Type — 115/230-Volt AC Line Regulation
Add	802-103-150	1	
	802-103-150	7	(J87214) - Voltage and Current Regulator — Semiconductor Type — For Single and 3-Phase PNPN Rectifiers
	802-103-151	2	(J87277) - Voltage and Current Regulator — Semiconductor Type — For 3-Phase PNPN Rectifiers
	802-104-150	3	(J86459) - Voltage Regulator and Alarm Equipment — For A2A and A2B Video Systems — 115 Volts, 480 Volt-Amperes
Add	802-105-150	1	
	802-105-150	1	(J87279) - Regulator — Semiconductor Type — −19 Volts, 4.0 Amperes
	802-106-150	3	(J87324) - Voltage Regulator — Semiconductor Type — +18 Volts 1.2 Amperes and −18 Volts 1.2 Amperes Output +24 Volts and −24 Volts Input

Battery Equipments

Add	802-125-150	2	
	802-125-150	4	(J87120) - For 702C and 708A Power Plants
Add	802-125-151	1	
	802-125-151	6	(J87122) - Battery Stand Equipments — For 24- and 48-Volt Power Plants
	802-125-152	10	(J87109) - Battery Framework and Stand Equipments for Small Power Plants — 24 and 48 Volts, 10 to 120 Amperes
Add	802-126-150	1	
	802-126-150	4	(J87110) - Battery Stand Equipments for 301C Power Plants — 24 and 48 Volts, 4000 Amperes
Add	802-126-151	2	
	802-126-151	4	(J87115) - Battery Stand Equipments for 302A and 302B Power Plants

Add 802-126-152 2
802-126-152 3 (J87121) - Battery Stand Equipments for 48-Volt 303A Power Plants

Add 802-126-153 2
802-126-153 5 (J87117) - Battery Stand Equipments — For 410-, 411-, 412-, 413-, and 414-Type Power Plants — 1 to 120 Amperes

802-127-001 1 (J85504) - BELLMASTER® Battery Equipment For 24- or 48-Volt Power Plants

802-127-150 2 (J87123) - For 24-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts

802-127-151 1 (J87124) - For 48-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts

802-127-152 1 (J87125) - Battery Stand Equipment for 140-Volt Power Plants Using KS-20472 Cells and KS-20760 Stand Parts

802-127-157 1 (J87130) - For 140-Volt Power Plants — Located in Earthquake and 10 PSI Environments — Using KS-20472 Cells and KS-20760 Stand Parts

802-127-158 1 (J87131) - Battery Stand Equipment for KS-20472 Batteries and KS-20760 Stand Parts in a 50 PSI Nuclear Blast Environment

Charging Equipments

802-151-156 9 (J87260) - For 111A, 303A, 326A, and 326B Power Plants — 24 Volts, 100 to 800 Amperes

Add 802-151-160 1
802-151-160 5 (J87249) - Regulated — 24 to 30 Volts, 4 Amperes DC

802-152-151 10 (J87246) - Charging Equipment for 301C, 302A, and 302B Power Plants — Negative 24 and 48 Volts, 100 to 1600 Amperes

802-153-150 9 (J87261) - For 111A, 303A, 326A, and 326B Power Plants — 48 Volts, 100 to 800 Amperes

802-156-150 7 (J86284) - For 702C Power Plants — 130 Volts, 100 to 200 Amperes

Control and Fuse Boards and Power Distributing Equipment

Add 802-175-150 1
802-175-150 10 (J86323) - Main Control Board — For 302A and 302B Power Plants — 24 and 48 Volts, 100 to 10,000 Amperes

802-175-154 2 (J85516) - Control Unit for Charge-Discharge Circuits — 24 Volt or 48 Volt Power Plants

802-175-156 1 (J85540) - Control and Distribution Unit for the 130 and 131 Type — Power Plants

802-175-157 1 (J85501) - BELLMASTER® Controller — For 24- or 48-Volt Power Plants

Add 802-185-150 1
802-185-150 8 (J86322) - Battery Control Boards — For 302A and 302B Power Plants — 24 and 48 Volts, 2000 to 10,000 Amperes

Add 802-185-151 3
802-185-151 3 (J86325) - Battery Control Boards — For 702C Power Plants — ±125 to ±135 Volts, 50 to 1000 Amperes

802-185-153 6 (J86327) - Battery Control and Discharge Fuse Bays — for 303A Power Plant — 24 and 48 Volts, 0 to 2000 Amperes

802-185-185 1 - Performance Requirements — For J86322 (303A) Power Plant Equipment

802-195-150 4 (J86324) - Battery Distributing Fuse Boards

802-195-151 2 (J86328) - Battery Distributing Boards

802-195-152 5 (J86329) - Battery Distributing Circuit Breaker Board

802-195-153 2 (J86330) - Battery Distributing — Fuse Board

802-195-154 2 (J86331) - Battery or Power Distributing Fuse Boards

802-195-155 2 (J86334) - DC Power Distributing Frame

802-195-156 1 (J85521) - Power Distributing Frame — No. 1, 1A, 2, 2B ESS, AIC No. 1A (N AIS, No. 4A CCIS/STP and TSPS No. 1

802-2 INVERTER AND CONVERTER EQUIPMENTS

Inverter Equipment

802-202-150 5 (J87266) - Inverter — 20 Hz DC-AC — 86 Volts, 6 Amperes

802-202-151 2 (J87295) - Inverter — 20 Hz DC-AC — 86 Volts, 0.25 Ampere

802-204-150 9 (J87274) - Inverter — Semiconductor Type — Regulated — 1300 VA, 60 Hertz — 230 Volts, 5.65 Amperes AC

802-204-151 1 (J85539) - 48 Volt DC Input — 120 Volt, 60 Hz, 300 to 1500 VA Output

802-205-150 1 (J87322) - Inverter — 20 Hz DC-AC — 86 Volts, 1.5 Amperes

802-205-151 1 (J87326) - Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Ampere

802-205-152 1 (J87337) - Inverter — 20 Hz, 86 Volts 0.25 Ampere Output — −48 Volts DC Input — For 810A PBX

802-205-155 1 (J87415) — Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Amperes

Add 802-206-150 1
802-206-150 4 (J87428) - 59.5 Hz, 1.5 kW, 120 Volts — Single Phase

Add 802-206-151 1
802-206-151 2 (J87429) — 59.5 Hz, 3 kW, 120 Volts — Single Phase

Converter Equipment (See also Power Supplies)

802-213-150 2 (J87407) - DC-to-DC Converter — Semiconductor Type—Regulated +3 Volt or −3 Volt and 4 Ampere Output — +140 and Two +24 Volt Inputs — No. 4 Toll Electronic Switching System

802-213-151 2 (J87399) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt or −3 Volt and 8 Ampere Output — +140 and +24 Volt Inputs — No. 4 Toll Electronic Switching System

802-213-152 2 (J87409) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt and 8 Ampere Output — −48 and Two +24 Volt Inputs — Common Channel Interoffice Signaling for No. 4A Toll Crossbar System

802-213-153 3 (J87389) - DC-to-DC Converters — Semiconductor Type Regulated — Numbers 1A, 2B, 3, 4 ESS, TSPS and No. 5 ETS — −48 Volt and +24 Volt Inputs — +3V or −3V, 4A DC Output; +3.030V, 5A DC Output; +6V, 3A DC Output; +5V, 4A DC Output; +8.35V or −8.35V, 1.5A DC Output; +3.030V, 8A DC Output, −1V to −13V, 2A DC Output — +24 Volt Input — +3V or −3V, 2A DC Output; +5V, 2.5A DC Output

802-214-150 3 (J87380) - DC to DC Converter — Multiple Outputs — −48 Volt Input

802-214-157 3 (J87421) - DC-to-DC Converter — 48 Volt and Two +24 Volt Inputs — +5.000 Volt, 6 Ampere Output or +5.000 Volt, 7 Ampere Output — TSPS, No. 2B ESS, No. 3 ESS, and No. 5 ETS

802-215-150 1 (J87285) - DC to DC — 6 Volt, 11 Ampere DC Output — −48 Volt DC Input

Add 802-215-151 1
802-215-151 3 (J87248) - For 101-Type ESS Control Unit — DC to DC — Regulated — 6 Volts 20 Amperes DC Output — 12 Volts 40 Amperes DC Output — 24 Volts 25 Amperes DC Output — −48 Volt DC Input

Add 802-215-152 2
802-215-152 2 (J87293) - DC to DC Semiconductor Type — Regulated — 6.6 Volt, 84 or 126 Ampere DC Output — 24 Volt DC Input

Add 802-215-153 1
802-215-153 1 (J87298) - For Use in No. 2 ESS Power Plant — DC to DC — Regulated — 6.7 Volt, 200 Ampere DC Output — 48 Volt DC Input

802-215-154 1 (J87340) - DC-DC — Semiconductor Type — Regulated — +6.6 Volt, 30 Ampere DC Output — +24 Volt, DC Input

Add 802-215-155 1
802-215-155 1 (J87311) - Regulated — +6.2 Volt, 50 Ampere Output — +24 Volt Input

802-215-157 1 (J87372) - DC to DC, Semiconductor Type, Regulated — +6 Volt, 5 Ampere DC Output — +12 Volt, 0.75 Ampere DC Output — −24 Volt DC Input

802-215-158 2 (J87379) - DC to DC — Semiconductor Type — Regulated — −6.2 Volt 8 Ampere DC Output — +5.2 Volt 1.2 Ampere DC Output — −24 Volt DC Input

802-216-160 2 (J87368) - DC to DC Regulated — +9.25 Volt, 10 Ampere Output — 140 Volt Input

802-217-154 1 (J87344) - DC to DC — +6.6 Volts, 60 Amperes Output — −48 Volts, 10.5 Amperes Input — For 810A PBX Battery Reserve Power Plant

802-217-155 1 (J87345) - DC to DC — +11 Volts, 4 to 16 Amperes Output — +24 Volts, 2.4 Amperes Input — For 810A PBX — Battery Reserve Power Plant

802-218-150 3 (J87204) - DC to DC — Regulated — +12 Volt, 1.5 and 2.0 Ampere DC Output — −48 Volt DC Input

802-218-151 1 (J87268) - DC to DC — Regulated — +12 Volt, 0.75 Ampere DC Output — −24 Volt or −48 Volt DC Input

Add 802-218-152 1
802-218-152 1 (J87263) - DC-to-DC Semiconductor Type — Regulated — +12 Volt, 0.7 Ampere Output — −48 Volt Input

802-218-153 1 (J87284) - DC to DC — 12 Volt, 11 Ampere DC Output — −48 Volt DC Input

802-218-154 2 (J87308) - DC to DC — Regulated — ±24 Volt 3 Ampere DC Output — −48 Volt DC Input

802-218-155 1 (J87368) - DC to DC — Semiconductor Type — Regulated — +12 Volt 0.7 Ampere Output — 24 Volt DC Input

802-218-156 1 (J87377) - DC-to-DC, Regulated — +12.1 Volt, 2-Ampere DC Output — −12.1 Volt, 2 Ampere DC Output — 5.5 Volt, 9 Ampere DC Output — −48 Volt DC Input

Add 802-218-158 2
802-218-158 1 (J87378) - DC-to-DC — Regulated — −24 Volt Input — +12.1 Volt, −12.1 Volt, and −5.5 Volt Output

Add 802-218-159 1
802-218-159 1 (J87411) - Power Supply Circuit — Semiconductor Type — Regulated — Numbers 1A and 4 ESS — −48 Volt and +24 Volt Inputs — +12V 10.5A Output; +6V, 9.3A Output, +3.06V, 17A Output — −3V, 12A Output, −12V, 10.5A Output

802-219-160 2 (J87422) - DC-to-DC Converters — Semiconductor Type — Regulated — No. 2B and No. 3 ESS, TSPS, and No. 5 ETS — −48 Volt, Two +24 Volt, and +5 Volt Inputs — +12V 2.0A and — 5V 0.05A Outputs

802-220-150 1 (J87287) - DC-to-DC Semiconductor Type — Regulated — ±18 Volt, 1.4 and 0.25 Ampere DC Output — +24 and −48 Volt DC Input

802-223-150 3 (J87304) - For Voice Frequency Transmission Systems — DC to-DC Semiconductor Type — Regulated — 24-Volt, 5-Ampere DC Output — 48 Volt DC Input

Add 802-223-151 2
802-223-151 2 (J87294) - DC-to-DC Semiconductor Type Regulated — −24 Volt, 13 Ampere DC Output — +24 Volt DC Input

802-223-152 1 (J87283) - DC to DC — 24 Volt, 9 Ampere DC Output — −48 Volt DC Input

802-223-153 3 (J87338) - +24V DC, 16.0 Amperes Output — 24 Volts DC Input

Add 802-223-154 1
802-223-154 2 (J87310) - Converter — Regulated — (+ or −) 18 or 24 Volt, 16 Ampere Output — +24 Volt Input

Add	802-223-156	1	
	802-223-156	1	(J87371) - DC-to-DC Regulated — 24-Volt, 100 Ampere Output — 140-Volt Input
	802-223-157	2	(J87361) - DC-to-DC Regulated + or −24 Volt, 40-Ampere DC Output — + or −48 Volt DC Input
	802-223-159	1	(J87456) - Converter DC-to-DC Regulated — ± 24 Volt 50−Ampere Output — +140 Volt Input
	802-223-160	1	(J87461) - DC-to DC Regulated Converter — + 24 Volt 30 Ampere Output — −48 Volt Input — Equipment Design Requirements — Power Systems
	802-224-160	2	(J87288) - DC to DC — Regulated — −25 Volt, 2.5 Ampere DC Output — −20 to −26 Volt DC Input
	802-224-161	2	(J87297) - DC to DC — Regulated — 25 Volt 10 Ampere DC Output
	802-226-151	1	(J87391) - DC to DC — Semiconductor Type — Regulated — +48 Volts 2 Ampere Output — −48 Volts Input
	802-226-152	1	(J87306) - DC to DC Converter — +48 V or −48 V DC, 4.0 Amperes Output — −24V DC Input
	802-226-153	2	(J87400) - DC-to-DC Regulated — 48-Volt, 50-Ampere Output — 140 Volt Input
Add	802-226-155	1	
	802-226-155	1	(J87408) Converter DC-to-DC Regulated ±48 Volt 100-Ampere Output — ±140 Volt Input
	802-226-156	1	(J87457) Converter DC-to-DC Regulated ±48 Volt 50 Ampere Output — +140-Volt Input
Add	802-227-150	1	
	802-227-150	1	(J87307) - DC-to-DC Semiconductor Type — Regulated — −72 Volt, 9 Ampere Output, −48 Volt DC Input
	802-230-152	1	(J87305) - DC to DC Converter — ±130V DC, 3.33 Amperes Output — 24 Volts DC Input
	802-230-154	1	(J86879) - 670A Converter Power Plant — + 130V or −130 V DC, 10.0 Amperes Output — −24V DC Input
	802-234-150	3	(J87271) - DC-to-DC Semiconductor Type — 250 Volt, 5 Ampere DC Output — 130 Volt DC Input
	802-234-151	1	(J87290) - DC-to-DC Semiconductor Type — 250 Volt, 0.015 Ampere DC Output — 3 to 10.5 Volt DC Input
	802-240-150	6	(J87303) - 0-to-1800-Volt, 520-Milliampere DC Output — 24-Volt DC Input
	802-242-150	1	(J87331) - DC to DC Converter — −48 Volt Input — +48, −42, +24, −48 Volt Outputs
Add	802-243-150	1	
	802-243-150	1	(J87332) - For PBX-AIOD-A2 — 6 Volts, 10 Amperes DC — 12 Volts, 6 Amperes DC — 24 Volts, 0.5 Ampere DC
	802-244-150	4	(J87334) - DC-to-DC — 25-Volt, 3.5 Ampere DC Output — 20-26 Volt DC Input
Add	802-290-150	1	
	802-290-150	1	(J87356) - Converter, DC-DC — Semiconductor Type, Regulated for TH3 Radio Systems

802-3 POWER SUPPLIES

General

	802-300-151	4	(J86858) - For L4 and L4S Coaxial System
	802-300-152	2	(J87321) - 1 and 10 Milliampere — Constant Current — 117 Volts AC Input for L4 Coaxial System
Add	802-300-154	1	
	802-300-154	1	(J87397) - Remote Repeater Power Feed Terminal for Subscriber Loop Multiplexer System
	802-301-150	1	(J86847) - Precise Tone, Interrupter, Transfer, and Alarm for Use With 4 Wire No. 5 Crossbar AUTOVON — 0.18 to 1.47 Volts, 1 Volt Ampere, 350, 440, 480, and 620 Hz Tones
	802-301-155	1	(J86223) - Filament Supply — Regulated — 6.3 Volts, 0.6 and 1 Ampere DC — 6.3 Volts, 1.5 Amperes AC
	802-301-156	4	(J86857) - Nonreserve or Reserve Plants — ± 6.6, ±24, −48, and ±86 Volts, 0 to 120 Amperes
Add	802-301-160	1	
	802-301-160	2	(J87296) - Semiconductor Type — Ferroresonant Regulation — +300 Volts, 0.13 Ampere DC — −150 Volts, 0.01 Ampere DC — −40 Volts, 0.01 Ampere DC — −24 Volts, 0.95 Ampere DC — ±6.4 Volts, 3.9 Amperes AC
Add	802-301-165	1	
	802-301-165	3	(J87276) - Rectifier — Semiconductor Type — Ferroresonant Regulation — +24 Volts, 6 and 12 Amperes DC — +6.6 Volts, 38 Amperes DC — −24 Volts, 2 Amperes DC
	802-301-166	2	(J87292) - Semiconductor Type — Ferroresonant Regulation — +24 Volts, 20 and 24 Amperes DC — +6.6 Volts, 84 Amperes DC — −24 Volts, 11 Amperes DC
Add	802-302-150	1	
	802-302-150	1	(J87213) - Semiconductor Type — Manual Regulation — 11 Volts, 6 Amperes DC — 135 Volts, 0.375 Ampere DC
Add	802-302-156	1	
	802-302-156	1	(J87203) - Semiconductor Type — Manual Regulation — −11 Volts, 2 Amperes DC — 135 Volts, 0.125 Ampere DC
Add	802-302-160	1	
	802-302-160	2	(J87220) - Power Supply — Semiconductor Type — Ferroresonant Regulation — 16.8 Volts 75 Amperes DC
	802-304-151	3	(J87252) - Semiconductor Type — Regulated — −20 Volts, 2.5 Amperes
Add	802-304-152	1	
	802-304-152	1	(J87300) - Remote Test Voltage Supply Unit — +20 to +200 Volts, 0.001 to 0.07 Ampere — −116 Volts, 0.015 Ampere
	802-304-153	9	(J86498) - For 1 1 Carrier and No. 1 Traffic Service Position Systems — ±24, −48, +48 Volts DC

	802-304-155	1	(J86489) Semiconductor Type — Unregulated — ±15 Volts, 0.5 Ampere DC — 20 and 48 Volts, 1 and 0.2 Ampere AC
	802-304-156	3	(J87412) For T4M Digital Line — 0 to + and −960 Volt, 835 Milliampere DC Output — + 140 Volt DC Input
	802-305-150	4	(J87216) Semiconductor Type — Automatic Regulation — −21 Volts, 2.0 Amperes
	802-305-151	5	(J87245) DC to-DC Semiconductor Type — Automatic Regulation — −21 Volts, 4 Amperes DC — −24 Volts, 3.5 Amperes DC
Add	802-305-152	1	
	802-305-152	1	(J87320) Semiconductor Type — Regulated Rectifier — +24 Volts, 0.75 Amperes — −24 Volts, 1.25 Amperes
Add	802-309-150	2	
	802-309-150	3	(J86496) ±24 Volts, 0 to 30 Amperes DC
	802-309-152	1	Performance Requirements — For J86496 Power Supply — ±24 Volts, 0 to 30 Amperes
	802-309-153	3	(J87255) Semiconductor Type — Ferroresonant Regulation — −24 Volts, 16 Amperes DC
	802-309-154	4	(J87254) Semiconductor Type — Ferroresonant Regulation — −24 Volts, 48 Amperes DC
	802-309-156	1	(J87281) Semiconductor Type — Ferroresonant Regulation — −40.5 Volts 50 Milliamperes DC Output
Add	802-315-150	1	
	802-315-150	2	(J86878) For 7618 PBX System — Ringing, Tones, and Interruptions — ±48 Volts, 0.3 and 4.4 Amperes DC — 10 Volts, 1.3 Amperes AC — −130 Volts, 0.05 Ampere DC
	802-315-152	1	(J87358) Semiconductor Type — Ferroresonant Regulation −24 Volts 0.6 Amp DC Talk, −24 Volts 10 Amp DC Sig, ±10 Volts 0.3 Amp AC for 805A PBXs
	802-315-153	1	(J87416) Converter for PBX A10D-A2 −48 VDC Input — 6 VDC 10A, 12 VDC 6A, 24 VDC 1A Outputs
	802-321-150	2	(J87327) For D2 Channel Bank — +5V — 12.2 Amp — −5V — 3.2 Amp — −12V — 3.3 Amp — +24V — 4.4 Amp — −24V — 2.0 Amp — +32V — 0.11 Amp — −32V — 0.07 Amp

Radio Systems

Add	802-340-150	2	
	802-340-150	2	(J86835) For TD3 Radio System Traveling Wave Tube — −7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
	802-340-151	1	(J86890) Converter — For TD3 Radio System Traveling Wave Tube — −7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
	802-340-152	1	(J87325) Converter Regulator — +130V Input, +475V, 100 mA Output — TD2 Radio
Add	802-341-154	2	
	802-341-154	2	(J86853) DC Power Supply — For TM Radio Traveling Wave Tubes
Add	802-341-155	1	
	802-341-155	2	(J86886) For 344A Traveling Wave Tubes — TH3 Radio Systems
	802-341-160	1	(J87259) For TJ Microwave System — AC Power Equipment
	802-341-161	6	(J86473) For TJ Radio Systems — 6.5 to 650 Volts, 0.005 to 2.0 Amperes DC — 5.3 to 117 Volts, 0.25 to 8.2 Amperes AC
	802-343-150	2	(J86499) For TL Radio System — −20 to −600 Volts, 0.01 to 1.88 Amperes DC — 43 Volts, 0.01 Ampere AC
	802-343-151	4	(J87256) For TL-2 and TM 1 Radio Systems — Semiconductor Type — Regulated — +6.4 Volts, 0.8 Ampere DC — −20 to −600 Volts, 0.01 to 1.1 Ampere DC — 43 Volts, 0.01 Ampere AC
Add	802-343-160	1	
	802-343-160	1	(J86843) For TM Radio System Traveling Wave Tube — 6.5 Volts, 0.95 Ampere DC 700 Volts, 0.001 Ampere DC — 1200 Volts, 0.035 Ampere DC — 2300 Volts, 0.01 Ampere DC
	802-350-150	1	(J87431) Power Supply for Traveling Wave Tubes — AR6A Radio System
	802-350-151	1	(J87449) Regulator and Converter — Multiple Outputs — −24 Volt Input

802-4 RECTIFIERS (See also Power Supplies)

Tube Type

Add	802-404-151	1	
	802-404-151	9	(J86227) Regulated — 300 Volts, 0.22 Ampere DC

Tube and Semiconductor Type

Add	802-408-150	1	
	802-408-150	6	(J86240) Automatic Regulation — 130 Volts, 8 and 9 Amperes DC
Add	802-409-150	1	
	802-409-150	15	(J86207) Tube and Semiconductor Types — Regulated — 17 to 18 Volts, 0.1 to 30 Amperes DC

Semiconductor Type — Unregulated

	802-411-150	3	(J87201) 2.5 Volts, 200 Amperes DC — 5 Volts, 200 Amperes DC
Add	802-411-160	1	
	802-411-160	8	(J86248) For Key Telephone Systems — 20 Volts DC and 10 Volts and 18 Volts AC
	802-414-150	12	(J86205) Unregulated and Manually Regulated — 3.5 to 24 Volts, 0.1 to 6 Amperes
	802-414-151	2	(J87323) +24 Volt 1.3 Ampere, −24 Volt 1.3 Ampere Output — 117 Volts AC, 60 Hz Input
	802-414-152	2	(J87341) +24 Volt 1.2 Ampere, −24 Volt 1.2 Ampere Output — 117 Volts AC, 60 Hz Input

Semiconductor Type — Manual Regulation

	802-419-150	3	(J86257) 12 Volts, 22 Amperes
	802-420-150	5	(J86256) 120 and 130 Volts, 0.45 and 0.6 Ampere
Add	802-421-150	1	
	802-421-150	2	(J86278) - 135 Volts, 0.125 and 0.375 Ampere
Add	802-421-156	1	
	802-421-156	7	(J86254) 190 and 200 Volts, 0.7 Ampere
Add	802-422-150	1	
	802-422-150	5	(J86255) 315 Volts, 0.4 Ampere

Semiconductor Type — Automatic Regulation

	802-425-150	1	(J86298) 4 Volts, 3 Amperes
	802-425-156	2	(J87275) 9 Volts, 100 Amperes
Add	802-425-161	3	
	802-425-161	5	(J86244) 12 Volts, 200 Amperes
	802-425-162	1	(J87357) - Rectifier — Input - 117 Volts RMS, 60 Hertz — Outputs Regulated +33 Milliamperes — Regulated +30, +45, +60, +75 or +105 Volts — Regulated −14 Volts
	802-425-166	2	(J87247) - 17 to 26 Volts, 1.5 to 2.0 Amperes
	802-426-150	2	(J87207) - 24 Volts, 1.5 Amperes
Add	802-426-151	1	
	802-426-151	3	(J87232) - 24 Volts, 30 Amperes
Add	802-426-152	1	
	802-426-152	8	(J87222) - 24 Volts, 100 Amperes
Add	802-426-153	3	
	802-426-153	4	(J87211) - 24 and 48 Volts, 11 Amperes
Add	802-426-156	1	
	802-426-156	1	(J87328) - Automatic Ferroresonant Regulation — 24 Volts, 15 Amperes
Add	802-426-157	1	
	802-426-157	1	(J87329) - Automatic Ferroresonant Regulation — 48 Volts, 15 Amperes
Add	802-426-160	1	
	802-426-160	1	(J87417) - ±24 Volts DC, 100 Amperes — Automatic Regulation — KS-20491
Add	802-428-150	3	
	802-428-150	2	(J87233) - 48 Volts, 30 Amperes
Add	802-428-151	1	
	802-428-151	9	(J87223) - 48 Volts, 100 Amperes
Add	802-428-156	1	
	802-428-156	1	(J87418) - −48 Volts DC, 100 Amperes — Automatic Regulation — KS-20493
	802-432-150	7	(J87228) - 130 Volts, 10 Amperes
	802-432-151	7	(J87229) - 130 Volts, 30 Amperes
Add	802-432-152	1	
	802-432-152	8	(J87224) - 130 Volts, 100 Amperes
	802-433-150	1	(J87346) - 230 Volts — 60 Hz Input — −19 Volts — 175 Ampere Output TH-1 Radio Systems

Semiconductor Type — Ferroresonant Regulation

Add	802-440-150	1	
	802-440-150	2	(J87221) - −3 Volts 3.5 Amperes DC — +60 Volts 0.15 Ampere DC — +145 Volts 0.045 Ampere DC
	802-440-155	3	(J87419) - For CSS-201 DIMENSION® PBX — +12.0V 1.4A, +9.0V 4.0A, +5.1V 1.25A, +5.1V 35.5A, +5.0V 0.5A, −5.1V 2.5A, −9.0V 3.5A, −48.0V and −48.0 FV 7.0A DC Output — 117V, 8A, 60 Hz AC Input and +9.0V 5A, +5.1V 20.5A, +5.0V 0.5A, −5.1V 3.5A, −9.0V 4.5A, −48.0V and −48.0 FV 8.0A DC Output — 117V, 8A 60 Hz AC Input
	802-441-155	2	(J87272) - −12 Volts, 0.125 Ampere DC — +12 Volts, 0.6 Ampere DC — +26 Volts, 0.25 Ampere DC — +155 Volts, 0.004 Ampere DC — +200 Volts, 0.04 Ampere DC
Add	802-441-151	1	
	802-441-151	3	(J87212) - +12 Volts, 0.66 Ampere DC — −12 Volts, 0.28 Ampere DC — +12 Volts, 0.135 Ampere DC, −12 Volts, 0.135 Ampere DC
Add	802-442-150	1	
	802-442-150	1	(J87267) - ±17.5 Volts, 1.6 and 3.2 Amperes DC
Add	802-443-151	1	
	802-443-151	3	(J87208) - +18 Volts, 0.275 Ampere DC
	802-443-152	1	(J87270) - +18 Volts, 0.5 and 1.5 Amperes DC
	802-443-153	1	(J87258) - +18 Volts, 0.65 Ampere DC
Add	802-443-160	1	
	802-443-160	3	(J87239) - ±20 Volts, 0.25 Ampere DC
Add	802-443-161	2	
	802-443-161	2	(J87215) - +20 Volts, 0.5 Ampere DC
Add	802-443-162	1	
	802-443-162	3	(J87240) - +20 Volts, 0.50 Ampere DC
	802-444-151	3	(J87234) - −24 Volts
	802-444-152	1	(J87282) - −22.5 Volts, 60 to 100 Milliamperes DC Output
	802-444-158	1	(J87434) - Rectifier — 24 Volts, 35 Amperes
	802-444-159	1	(J87436) - Rectifier — 24 Volts, 100 Amperes
	802-444-160	2	(J87438) - Rectifier 24 Volts, 200 Amperes
	802-444-163	1	(J87447) - Rectifier — 24 Volts, 15 Amperes
	802-446-150	2	(J87241) - −48 Volts, 0.7 Ampere
Add	802-446-152	1	
	802-446-152	4	(J87205) - 48 Volts, 8 Amperes
	802-446-153	1	(J87342) - 6.6 Volts, 60 Amperes DC — For 810A PBX — Batteryless Power Plant
	802-446-154	1	(J87343) - 24 Volts, 20 Amperes DC — For 810A PBX — Batteryless Power Plant
	802-446-155	1	(J87347) - 48 Volts, 15 Amperes DC — For PBX — Batteryless Power Plant
	802-446-161	1	(J87444) - 48 Volts, 15 Amperes

802-446-162 1 (J87437) - Rectifier — 48 Volts, 100 Amperes

802-446-163 2 (J87439) Rectifier — 48 Volts, 200 and 180 Amperes

802-446-166 1 (J87448) Rectifier — 48 Volts, 15 Amperes

Metallic Type — Manual Regulation

802-460-161 5 (J86220) 10 Volts, 12 Amperes

Add 802-460-166 1
802-460-166 2 (J86277) - 11 Volts, 2 and 6 Amperes

802-465-155 3 (J86265) - 130 Volts, 0.2 Ampere

802-465-156 2 (J86258) 130 Volts, 0.65 Ampere

802-466-150 3 (J86259) 250 Volts, 0.35 Ampere

Metallic Type — Automatic Regulation

Add 802-471-150 1
802-471-150 2 (J86241) - 24 Volts, 1 Ampere

802-473-150 1 (J86281) - 48 Volts, 7.5 Amperes

802-5 SUBMARINE CABLE SYSTEMS

802-501-150 2 (J86806) - Ground Supply Bay for SD Submarine Cable System

802-501-151 1 (J86860) - Ground Supply Bay for SF Submarine Cable System

802-502-150 3 (J86469) - Common Control Bays — 2800 Volts 0.26 Ampere DC

802-502-151 1 (J87291) - Equipment Units for Use With SF Submarine Cable Power and Ground Supplies

802-503-150 2 (J87209) Power Equipment Units for SD Submarine Cable System

802-503-151 1 (J87301) - Plug In Units for SF Submarine Cable Power and Ground Supplies

802-510-150 1 (J87218) - Inverter for SD Submarine Cable Systems — Semiconductor Type — Automatic Regulation — 5 Volt-Amperes, 400 Cycles — 4.1 Volts, 0.03 Ampere AC — 16.6 Volts, 0.04 Ampere DC — 55 Volts, 0.09 Ampere AC

802-510-151 1 (J87251) - Inverter for Short Haul SD Submarine Cable Systems — Semiconductor Type — Regulated — 300 VA, 1200 Cycles — 100 Volts, 0 to 0.2 Ampere — 660 Volts, 0.45 Ampere

802-515-150 1 (J86819) - Power Supply for Terminal SD Submarine Cable Systems — 420 Volts, 0.389 Ampere DC

802-515-151 4 (J86275) - Power Supply — Regulated — 1900 to 3200 Volts, 0.26 Ampere DC

802-515-152 4 (J86467) - Power Supplies for Terminal and Shipboard Submarine Cable Systems — 2800 Volts, 0.26 Ampere DC

802-515-153 4 (J86468) Power Supply — Regulator Bays — 2900 Volts, 0.26 Ampere DC

802-515-154 3 (J86804) - Power Supplies for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.225 to 0.43 Ampere DC

802-515-155 3 (J86805) - Power Supply Equipment for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.37 and 0.43 Ampere DC

802-515-181 2 Performance Requirements for J86467 Power Supply

802-516-150 1 (J86844) - DC Power Supply — 2500 or 5000 Volts 0.136-Ampere Constant Current for SF Submarine Cable System

802-517-150 2 (J86902) - Constant Current DC Power Supply 2500-, 5000-, or 7500-Volt 0.657-Ampere for Use With SG Submarine Cable System

802-517-151 2 (J87413) - Equipment and Plug In Units for SG Submarine Cable Power Supply

802-517-152 1 (J86924) - Short Range SF Submarine Cable Power Supply — 0 to 1900 Volt, 136 Milliampere DC Output 48-Volt DC Input

802-525-150 4 (J86460) - Power Supplies for Terminal and Submarine Cable Plants

802-525-151 1 (J86852) Equipment Bays for Use With SF Submarine Cable Power Supplies

802-525-180 1 Performance Requirements — For J86460 Submarine Cable System

802-6 POWER PLANTS — MISCELLANEOUS AND 100-TYPE

Miscellaneous

802-601-151 6 (J86822) - Automatic Regulation — 24 Volts 48 Amperes

Add 802-601-152 1
802-601-152 9 (J86440) - 24 Volts, 1, 1.5, 6, and 12 Amperes DC

802-601-180 3 Performance Requirements — For J86440A Power Plant — 24 Volts, 6 and 12 Amperes

802-601-181 2 Performance Requirements — For J86440B Power Plant — Filament Supply — 24 Volts, 1.5 Amperes

802-601-182 1 Performance Requirements — For J86440C Power Plant — 24 Volts, 1 Ampere

802-605-150 2 (J86483) - For TH-1 Radio System

Add 802-606-153 1
802-606-153 4 (J86454) - For Type "O" Carrier Terminals and Repeaters — 130 Volts, 0.42 to 0.84 Ampere

Add 802-608-150 1
802-608-150 2 (J86859) - 2-Wire No. 2 Electronic Switching System and Automatic Intercept Center — No. 1A in Automatic Intercept System — 6.7 Volts, 200 Amperes

Add 802-610-150 1
802-610-150 2 (J86811) - For Traffic Data Summarizer — −3, −17.5, and −48 Volts, 3.5, 1.6, and 8 Amperes DC — +16.8, +17.5, +60, and +145 Volts, 75, 3.2, 0.15, and 0.045 Amperes DC

802-612-150 4 (J86431) - For Teletypewriter Switching Unit 81C1 — 48 and 115 Volts DC — 120 Volts AC

802-612-153 3 (J86431) For 810 Telecommunications Switching System — 48 Volts, 100 Amperes DC — 130 Volts, 20 Amperes DC — 120/208 Volts AC

802-612-154 2 (J86438) 3B-20 Simplex — Power Conditioning Cabinet

802-612-180 1 Performance Requirements — For J86431 Power Plant — 48 Volts DC

802-612-181 1 Performance Requirements — For J86431 Power Plant — 115 Volts DC

802-612-184 1 Performance Requirements — For J86453 Power Plant — 48 Volts DC

802-612-185 1 Performance Requirements — For J86453 Power Plant — 130 Volts DC

802-618-150 1 (J86848) For PBX-A10D — 6 Volts, 11 Amperes DC — 12 Volts, 11 Aux DC — 10 Volts, 13.6 Amperes AC

802-620-150 6 (J86635) For 800A and 801A PBX Systems — −48 Volts, 7 Amperes DC — +24 Volts, 16 Amperes DC — −24 Volts, 0.8 Ampere DC — 10 Volts, 0.3 Ampere AC — 10 Volts, 2 Amperes AC

802-620-151 1 (J86887) 6.6, 24 and 48 Volts Supplies — For 810A PBX — Batteryless Operation

802-620-152 1 (J86888) 6.6 Volt Supply — For 810A PBX — Battery Reserve Operation

802-624-150 4 (J86833) For 1A or 1B Telephone Answering System — −24 Volts, 4 Amperes DC — 10 Volts, 0.3 Ampere AC — 15 Volts, 1.0 Ampere AC

802-626-150 5 (J86818) For 2A Automatic Call Distributing System — Batteryless Operation — −48 Volts, 8 Amperes DC — 10 Volts, 1.7 Amperes AC

Add 802-626-151 3
802-626-151 3 (J86828) For 2A Automatic Call Distributing PBX System — Battery Reserve Operation — −10 and −48 Volts, 11 and 20 Amperes DC

802-626-152 6 (J86830) For 3A Automatic Call Distributing System — Battery Reserve Operation — 410 Volts, 20 Amperes — Zip Tone and 117-Volt AC Supplies

802-627-150 8 (J86812) For No. 400 Switching System — −48 Volts, 8 Amperes DC — +48 Volts, 0.1 Ampere DC — 10 Volts, 2.1 Amperes AC

802-628-001 1 BELLMASTER Power Plant 24 or 48 Volts — 0 Through 3200 Amperes

100-Type

802-652-153 6 (J86566) 101E Power Plant — 20 to 24 Volts, 15 and 10 Ampere-Hours DC

Add 802-652-156 2
802-652-155 8 (J86731) 101G Power Plants — For Use On Subscriber Premises — 20 Volts, 0.6 and 0.9 Ampere DC — 10 and 18 Volts, 1.4, 2.0, and 3.7 Amperes AC — 20 Cycle Ringing

Add 802-652-157 1
802-652-157 5 (J86427) 101J Power Plant — 18 to 28 Volts, 4 Amperes DC — 18 Volts, 1.6 Amperes AC — 10 Volts, 5 Amperes AC

802-652-158 1 (J86697) 101K Power Plant — 110 Volts, 60 Hertz AC — −10 Volts, 3 Amperes and −24 Volts, 2 Amperes DC With 15 Ampere-Hour Battery Reserve

Add 802-653-153 1
802-653-153 10 (J86456) 102F Power Plant — 24 Volts, 100 Ampere-Hours DC — 48 Volts, 50 Ampere-Hours DC

802-653-180 1 Performance Requirements — For J86802 (102G) Power Plant

802-654-150 6 (J86423) 103B Power Plant — 48 and 75 Volts, 0.6 Ampere DC

802-654-180 1 Performance Requirement — For J86423 (103B) Power Plant

Add 802-656-151 1
802-656-151 5 (J86521A) 105C Power Plant — 48 Volts, 0, 10 and 20 Amperes DC

802-656-152 10 (J86446) 105D — 48 Volts, 10, 25 and 45 Amperes DC

Add 802-656-153 1
802-656-153 12 (J86614) 105E Power Plant — 24 and 48 Volts, 30 Amperes DC

802-656-180 1 Performance Requirements — For J86656 (105D) Power Plant

Add 802-659-150 1
802-659-150 12 (J86572) 110A Power Plant — 24 Volts, 10 to 120 Amperes DC — 48 Volts, 10 to 450 Amperes DC

Add 802-659-151 1
802-659-151 3 (J86455) 110B Power Plant — 24 Volts, 5 to 80 Amperes DC

Add 802-659-180 1
802-659-180 14 (J86470) 111A Power Plant — 22 to 26, 44 to 50, or 44 to 52 Volts — 0 to 800 Amperes — Positive or Negative Ground

802-659-180 2 Performance Requirements — For J86572 (110A) and J86455 (110B) Power Plants

802-659-186 1 Performance Requirements — For J86470 (111A) Power Plant

802-669-150 2 (J86886) 130A Power Plant — 1 — 24 Volts, 0 Through 70 Amperes

802-669-180 1 (J86867) 131A Power Plant — −48 Volts, 0 Through 70 Amperes

802-669-181 2 (J86523) - 131B Battery Power Plant — 48V, 0 Through 70 Amperes DC

802-669-182 3 (J85525) 131C, 1310, and 131F Battery Power Plants — −48 Volts, 0 Through 70 Amperes DC

802-670-150 7 (J86868) 132A Power Plant — 1 — 24 Volts, 0 Thru 140 Amperes

802-670-151 2 (J86918) - 152B Power Plant — ±24 Volts, 0 Through 140 Amperes

802-670-160 2 (J86869) - 133A Power Plant — −48 Volts, 0 Thru 140 Amperes

802-670-161 2 (J86919) - 133B Power Plant — −48 Volts, 0 Through 140 Amperes

802-679-151 3 (J86871) - 150B Power Plant +/−24 Volts, 0 Through 600 Amperes

802-679-160 2 (J86872) - 151A Power Plant — 48 Volts, 0 Through 400 Amperes — Positive or Negative

802-679-161 2 (J86873) - 151B Power Plant — −48 Volts, 0 Thru 600 Amperes

802-679-162 1 (J86917) - 151C Power Plant −48 Volts, 0 Through 600 Amperes — Equipment Design Requirements — Power Systems

802-680-150 2 (J86908) - 152A Power Plant — 24 Volts, Positive or Negative — 0 Through 1200 Amperes

802-680-160 2 (J86909) - 153A Power Plant - 48 Volts Negative — 0 Through 1200 Amperes

802-681-150 2 (J86910) - 154A Power Plant — 24 Volts, Positive or Negative — 0 Through 2400 Amperes

802-681-160 2 (J86911) - 155A Power Plant — 48 Volts Negative, 0 Through 2400 Amperes

802-7 POWER PLANTS — 200-, 300-, AND 400-TYPES

300-Type

Add 802-726-150 2
802-726-150 4 (J86434) - 302A Power Plant — 24 and 48 Volts 0 to 10,000 Amperes DC

802-726-151 1 (J86636) - 302B Power Plants — Negative 24 and 48 Volts — 0 to 10,000 Amperes

802-726-180 3 Performance Requirements — For J86434 (302A) Power Plant — 24 Volts, 0 to 10,000 Amperes — 48 Volts, 100 to 10,000 Amperes

802-727-150 6 (J86874) - 326A Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 10,000 Amperes

802-727-151 2 (J86896) - 326B Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 6000 Amperes

400-Type

Add 802-751-150 1
802-751-150 2 (J86577) - 403A Power Plant — 130 Volts, 0.1 to 0.6 Ampere DC

Add 802-751-152 1
802-751-152 3 (J86436) - 403C Power Plant — 130 Volts, 0.18 Ampere DC

802-751-180 1 Performance Requirements — For J86577 (403A) Power Plant — 130 Volts, 0.6 Ampere

802-751-181 1 Performance Requirements — For J86392 (403B) Power Plant — 125 or 130 Volts, 0.1 Ampere

802-751-182 2 Performance Requirements — For J86436 (403C) Power Plant — 130 Volts, 0.18 Ampere

802-754-150 9 (J86584) - 410A Power Plant — 130 Volts, 1 to 25 Amperes — Using Regulated Rectifiers

Add 802-754-151 1
802-754-151 5 (J86465) - 410B Power Plants — ±130 Volts, 1 to 80 Amperes DC

802-754-160 3 (J86862) - 411A Power Plant — Positive and Negative — 63 Cell, 130 Volts, 120 Amperes — Using Duct Type Framework

802-754-161 3 (J86863) - 411B Power Plant — Positive and Negative — 63-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework

802-754-180 1 Performance Requirements — For J86584 (410A) Power Plant

802-754-181 1 Performance Requirements — For J86465 (410B) Power Plant

802-755-150 4 (J86864) - 412A Power Plant — Positive and Negative — 66 Cells, 130 Volts, 120 Amperes — Using Duct-Type Framework

802-755-151 3 (J86865) - 412B Power Plant — Positive and Negative — 66-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework

802-755-160 4 (J86826) - 413A Plant — 70-Cell Float and Recharge Equipment for Motor Alternator and Inverter Plants

802-755-163 2 (J86892) - 414B — Positive Operation — 59 Cell, 125 Volts, 10 Amperes — Using Cabinet Framework

802-755-164 1 (J86875) - 415A Power Plant — +140 Volt DC Operation — 70 Cell Float and Recharge Equipment

802-755-167 1 (J87132) - Power Equipment for 415A Power Plant

802-757-150 11 (J86578) - 420A Power Plant — For Auxiliary Repeater Stations With AC Power Service — 152 Volts, 30 Amperes DC — 55 and 60 Volts AC

802-759-150 9 (J86443) - 425A Power Plant — AC Service Equipment — For 12, 24, 130, and 250 Volt Power Plants

802-759-151 8 (J86439) - 425 A Power Plant — Filament Supply — −12 Volts, 60 to 800 Amperes

802-759-152 3 (J86832) - 425A Power Plant — Filament Supply — −12 Volts, 60 to 1600 Amperes

802-759-153 1 (J86435) - 425A Power Plant — Plate and Filament Supplies — −12, −24, +130, and +250 Volts

Add 802-759-154 1
802-759-154 6 (J86437) - 425A Power Plant — Plate Supply — 130 Volts, 0.5 to 20 Amperes DC

802-759-155 5 (J86438) - 425A Power Plant — Plate Supply — 250 Volts, 0.5 to 20 Amperes

802-759-156 4 (J86437) 425A Power Plant — +250 Volts, 0.5 to 20 Amperes DC

802-759-160 2 (J86452) 425B Power Plant — Plate and Filament Supplies — 12-, 24-, 130-, and 250-Volt Power Plants

802-759-161 4 (J86450) 425B Power Plant — Plate and Filament Supplies — −12 Volts, 22 Amperes DC — +130 Volts, 0.65 Ampere DC — +250 Volts, 0.35 Ampere DC

802-759-162 1 (J86449) 425B Power Plant — Plate Supply — 130 Volts, 0.5 to 5 Amperes DC — With 30 Ampere Charge Signal Supply

802-759-180 3 Performance Requirements — For J86439 (425A) Power Plant — Filament Supply — −12 Volts, 800 Amperes

802-759-181 3 Performance Requirements — For J86437 (425A) — Plate Supply — 130 Volts, 20 Amperes

802-759-182 3 Performance Requirements — For J86438 (425A) Power Plant — Plate Supply — 250 Volts, 20 Amperes

802-759-186 1 Performance Requirements — For J86450 (425B) Power Plant — 12 Volts, 22 Amperes — 130 Volts, 0.65 Ampere — 250 Volts, 0.35 Ampere

802-759-187 1 Performance Requirements — For J86449 (425B) Power Plant — Plate Supply — 130 Volts, 5 Amperes — With 30 Ampere Charge Signal Supply

802-760-150 5 (J86442) 426A Power Plant — ±130 Volts, 0.5 to 40 Amperes

802-760-180 1 Performance Requirements — For J86442 (426A) Power Plant — ±130 Volts, 0.5 to 40 Amperes

802-8 POWER PLANTS — 500-, 600-, AND 700-TYPES

500-Type

802-801-150 8 (J86527) 501A Power Plant — For Busy or Idle Line Indicating Lamps — 5 to 8.5 Volts, 59 Amperes AC

802-802-161 10 (J86617) 504B Power Plants — Emergency AC Supply Units — 208/120 Volts, 1.85 and 6.25 KVA AC

802-802-186 1 Performance Requirements — For J86611 (504A) Power Plant — 110, 115, and 230 Volts

802-802-187 3 Performance Requirements — For J86617 (504B) Power Plant

Add 802-804-154 1
802-804-154 6 (J86448) 505D Power Plant — 13 Carrier 2-Motor Alternator Equipment — 230 Volts, 10 and 16 KVA AC

802-804-181 1 Performance Requirements — For J86426 (505C) Power Plants — Using Motor Alternators for Stand By Supply

802-804-182 1 Performance Requirements — For J86426 (505C) Power Plant — Using Motor Alternator Continuously

802-804-183 1 Performance Requirements — For J86426 (505C) Power Plant — Auxiliary Charging Equipment

802-804-184 2 Performance Requirements — For J86447 and J86448 (505D) Power Plants

802-805-150 10 (J86724) 506A Power Plant — 12 Volts, 0.1 KVA AC — 20 or 22 Volts, 0.25 and 0.75 KVA AC — 22 Volts, 50 VA, 0.5 and 1.5 KVA AC

802-806-186 3 Performance Requirements — For J86476 (508A) Power Plant — Continuous 230 Volts AC

802-810-150 2 (J86840) 520A — Continuous 230 Volt AC Power

802-810-180 2 Performance Requirements — For J86840 (520A) Power Plant — 230 Volts AC

802-811-150 2 (J86854) 521A Power Plant and Combination 505D and 521A Power Plants — 13 Carrier Inverter Plant

802-811-185 1 Performance Requirements — For J86447 and J86854 (521A) Power Plants — 13 Carrier Inverter Plant

802-813-150 4 (J86641) 523A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 1.5 KW, 117 Volts, Single-Phase

802-813-180 3 Performance Requirements — For J86641 (523A) or J86642 (524A) Power Plant — General Purpose Inverter Plant With Regular and Reserve Supply

802-814-150 3 (J86642) 524A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 5 KW, 117 Volts, Single-Phase

802-815-150 1 (J86651) 526A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 8.0 KW, 120 Volts, Single-Phase

600-Type

Add 802-852-150 1
802-852-150 5 (J86497) 610A Power Plant — DC-to-DC Converter — Positive or Negative — 130 Volts, 3.0 Amperes Output — −48 Volt Input

Add 802-852-151 1
802-852-151 6 (J86801) 601B Power Plant — ±120 and ±130 Volts, 0.75 Ampere

802-852-152 1 (J86903) 610C Power Plant — −24 Volts, 5 Amperes DC

802-852-153 6 (J86807) 610D Power Plant — 48 Volts, 1.5 Amperes DC

802-852-154 1 (J86901) 610E Power Plant — Negative 48-Volt DC to Positive 65-Volt DC — 3 Ampere Converter

Add 802-854-160 1
802-854-160 1 (J86894) 620A Plant — Using DC to DC Converters — 24 Volts, 600 Amperes Output — 140 Volts Input

802-854-162 2 (J86922) 620C Converter Frame — DC to DC Regulated — 24-Volt, 8- to 300-Ampere Output — ±140 Volt Input

	802 854 163	2	(J86925) A20C Power Plant — DC to DC Regulated — 24 Volt 0 to 600 Ampere Output on Each of Two Bays — 140 Volt Input
	802 855 165	2	(J86928) 625A — Using DC to DC Converters — 48 Volt, 300 Amperes Output — 140 Volts Input
Add	802 855 166	1	
	802 855 166	1	(J86903) 625B Power Plant — DC to DC Regulated — 48 Volt 0 to 300 Ampere Output — 140-Volt Input
	802 855 167	2	(J86923) 625C Converter Frame — DC to DC Regulated — 48 Volt 0 to 300 Ampere Output — +140 Volt Input
	802 855 168	2	(J86926) 625C Power Plant — DC to DC Regulated — 48-Volt 0 to 600 Ampere Output on Each of Two Bays — 140 Volt Input
	802 855 170	1	(J86907) 625J Power Plant DC to DC Regulated — 48-Volt 0 to 1800-Ampere Output — 140 Volt Input
	802 857 150	2	(J86900) 630A Power Plant — Using DC to DC Converters — 24 Volts, 300 Amperes rated — 48 Volts 150 Amperes Output — 140 Volts Input
Add	802 862 150	1	
	802 862 156	6	(J86869) 651A Power Plant — Using DC to DC Converters — ±130 Volts, 2 and 5 Amperes DC
	802 865 150	5	(J87309) 660 Type Power Plant — Using DC to-DC Converters — ±130 Volts Output 48 Volts Input
Add	802 865 151	1	
	802 865 151	5	(J86882) 660A Power Plant — Using DC to DC Converters — +130 or −130 Volts Output — −48 Volts Input — 7 Foot Duct Framework
Add	802 865 152	1	
	802 865 152	5	(J86883) 660B Power Plant — Using DC to DC Converters — +130 or −130 Volts Output — −48 Volts Input — 7 Foot Cabinet Framework
Add	802 865 153	1	
	802 865 153	5	(J86884) 660C Power Plant — Using DC to DC Converters — +130 Or −130 Volts Output — −48 Volts Input — 9 Foot Duct Framework
	802 865 161	1	(J86905) 662A Converter Power Plant for Dial-Tone First Operator Com Trunks and Miniaturized Dial Long Lines Circuits
	802 865 162	1	(J86912) 663A Converter Power Plant for Com Control Circuits
	802 865 163	1	(J86913) 663B Converter Power Plant for Com Control and T1 Carrier Circuits
	802 865 164	2	(J86914) 663C Converter Power Plant for T1 Carrier Circuits
	802 865 166	1	(J86920) 664A Converter Power Plant — General Use Plant
	802 866 152	2	(J86880) 671A Power Plant — +48V or −48V DC, 16.0 Ampere Output — +24V DC Input
	802 866 153	3	(J87811) 671A Power Plant — +24V DC, 48.0 Ampere Output — +24V DC Input
	802 866 157	1	(J86910) 673A Computer Power Plant for 1 Alias and Miscellaneous Equipment in 10 ft Relay Bays
	802 866 158	2	(J86921) 673B Converter Power Plant for Equipment in 10 ft Relay Bays
	802 867 160	3	(J86891) 680A Power Plant — 0 to 1150 Volts, 910 Milliampere DC Output — 24 Volt DC Input
	802 867 161	1	(J86899) 680B Power Plant — 0 to 1150 Volts, 835 and 910 Milliampere DC Output — +130 Volt DC Input
	802 867 166	1	(J86908) 681A Converter Power Plant for DTF Bays

700-Type

Add	802 871 150	1	
	802 871 150	3	(J86475) 702C Power Plant — ±125 to ±135 Volts, 30 to 1000 Amperes DC
	802 871 169	2	Performance Requirements — For J86475 (702C) Power Plant — 130 Volts, 30 to 1000 Amperes
	802 872 186	1	Performance Requirements — For J86583 (704B) Power Plant
	802 872 187	1	Performance Requirements — For J86590 (704C) Power Plant
	802 874 150	8	(J86827) 708A Power Plant — ±130 Volts, 1000 Amperes

802-9 POWER PLANTS — 800- AND 900-TYPES

800-Type

	802 901 160	1	(J86458) 801F Power Plant — 20 Cycle Continuous Ringing Supply — 105 Volts, 0.5 Ampere
	802 901 186	6	(J86523) 802B Power Plant — 1000 Cycle Ringing Machine Equipment
Add	802 902 151	1	
	802 902 151	9	(J86555) 803C Power Plants — 20 Cycle Machine Ringing Equipment — KS 15816 Ringing and Tone Control Machines — 84 to 88 Volts, Ringing, 6 Amperes AC — 115 to 120 Volts Com Control, 0.5 Ampere DC
	802 902 157	5	(J86451) 804C Power Plants — 20 Cycle Machine Ringing Equipment — 84 to 88 Volts, 1 Ampere
	802 902 168	2	(J86477) 804D Power Plant — 20 Cycle Emergency Machine Ringing Equipment — KS-15532 Ringing Machine — 84 to 88 Volts, 1 Ampere
	802 902 181	2	Performance Requirements — For J86555 (803C) Power Plant
	802 902 186	1	Performance Requirements — For J86451 (804C) Power Plant — Ringing and Signaling
	802 903 181	1	Performance Requirements — For J86428 (805C) Power Plant

Add 802-904-151 2
802-904-151 9 (386596) 806D Power Plants — 20 Cycle Machine Ringing Equipment — 83 2-Coil Ringing Machines — 72 to 88 Volts, 0.25 Ampere — 75 to 110 Volts, 0.5 Ampere — 84 to 88 Volts, 0.5 Ampere.

802-904-152 3 (386445) 806E Power Plant — Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere.

Add 802-904-153 3
802-904-153 4 (386456) 806F — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 90 to 320 Volts, 0.1 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere.

Add 802-904-154 1
802-904-154 4 (386475) 806G Power Plant — 20 Cycle Machine Ringing Equipment — 83 2-5804 Ringing Machines — 85 to 90 Volts, 0.25 Ampere.

802-904-155 8 (388815) 806H Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators — For No. 1 ESS Offices.

802-904-160 2 (386816) 807B Power Plants — Call Progress Tone Equipment — Transistor Tone Generators and Rotary Interrupters.

802-904-163 4 (388829) 807D Power Plants — Dial Tone Supply with Signaling Equipment for Use With TOUCH-TONE® Dial Tone — 350 and 440 Hertz — 1.2 to 22.5 Volts, 1 and 0.2 Volt Amperes.

802-904-163 1 (386839) 807E Power Plant — Tone Supplies for the No. 1 ESS Office — 30, 60, and 120 IPM Interrupter Tone Signaling — 0.18 Volt, 1 Volt Amperes, 480/620 Cycles — 0.29 Volt, 1 Volt Ampere, 480 Cycles — 0.36 Volt, 1 Volt-Ampere, 440/480 Cycles.

802-904-164 2 (387813) 807F — Signaling Equipment — TOUCH-TONE® Dial Tone — Power Supply.

802-904-165 3 (387814) 807G — Signaling Equipment — Pre-Cise Busy-Tone Power Supply for Step-by-Step Offices.

802-904-181 1 Performance Requirements — For 386596 (806D) Power Plant — Ringing and Signaling.

802-904-182 1 Performance Requirements — For 386445 (806E) Power Plant.

802-904-183 1 Performance Requirements — For 386456 (806F) Power Plant — Ringing and Signaling.

802-905-155 7 (387801) 812A Power Plant — Ringing and Tone Power Plant — For No. 1 ESS Offices.

Add 802-906-150 2
802-906-150 9 (386834) 808A Plant — Ringing and Tone Power Plant — For No. 1 ESS Offices.

802-908-160 2 (387822) 820A — Ringing, Tone, and Interrupter Power Plant for No. 4 ESS Toll Offices.

802-910-150 1 (387803) 931A Power Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators — For No. 2 ESS 4-Wire Offices.

802-915-150 4 (387804) 841A Plant — Ringing and Tone Power Plant — For No. 2 ESS Offices.

802-922-150 2 (387807) 822A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices.

802-922-151 2 (387809) 853A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices.

802-925-150 1 (387820) 855A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices.

802-934-150 1 (387821) 857A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices.

802-938-155 1 (387812) 861A Power Plant — Ringing and Tone Power Plant — For No. 1 ESS and 1AESS Step-by-Step Offices.

802-951-150 2 (387810) 882A Power Plant — Ringing and Tone Power Plant — For No. 1 and 1AESS Step-by-Step Offices.

802-952-150 3 (386851) 863A — Ringing and Tone Power Plant — For Use With 1AESS Step-by-Step Offices.

802-958-150 1 (387819) 871A Ringing Power Plant — 105 Volt Common Ringing.

802-959-150 1 (387808) 872A Ringing Power Plant — 105 Common Ringing.

802-960-150 2 (386857) 873A Power Plant — 20 Cycle, 6 Common Ringing — 105 Volts, 5 Amperes.

802-963-150 1 (387824) 881A Miscellaneous Power Frame and the Ringing, Tone, and Cadence System — For No. 3 ESS Offices.

802-963-151 1 (387825) 881B Miscellaneous Power Frame and the Ringing, Tone, and Cadence System for No. 3 ESS Offices.

900-Type — General

802-950-152 1 (386632) 900-Type Power Plants — Method for Determining Motor Starting Capacity — Oil Engine Alternators.

900-Type — Gasoline Plants

802-956-150 2 Performance Requirements — For 386618 (900 Type) Power Plants — Automatic or Manual Control.

802-956-151 1 Performance Requirements — For 386618 and 386618X (900 Type) Power Plants — Automatic Control.

900-Type — Diesel Plants

802-961-151 1 (386627) 911B (Type) Power Plant — Stationary Diesel Engine Driven Alternator — 208 to 240 and 416 to 480 Volts, 500 KW — Automatic and Manual Control — General Information.

802-961-180 2 Performance Requirements — For 386633 (900 Type) Power Plants — Manual Control.

802-961-181 2 Performance Requirements — For J86633 1900-Type) Power Plants — Automatic Control

802-961-182 3 Performance Requirements — For J86627 1900-Type) Power Plants — Manual Control

802-961-183 2 Performance Requirements — For J86627 1900-Type) Power Plants — Automatic Control

802-963-180 1 Performance Requirments — For J86625 1900-Type) Power Plants — Automatic or Manual Control

802-963-181 1 Performance Requirements — For J86625C 1900-Type) Power Plant — Automatic Control

802-963-182 1 Performance Requirements — For J86620 1900-Type) Power Plants

802-963-183 2 Performance Requirements — For J86614 1900-Type) Power Plants

Add 802-964-152 1
802-964-152 2 (J86842) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternators — 208 to 240 Volts, 115 KW — 3 Phase, 4-Wire, 1800 RPM

802-964-153 5 (J86841) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts, 75-115 Kilowatts, 416 to 480 Volts, 3 Phase, 4 Wire, 1800 RPM Equipment — Design Requirements Power System

802-964-154 3 (J86645) - Manual Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts and 75-115 Kilowatts, 416 to 480 Volts, 3 Phase, 4-Wire, 1800 RPM

Add 802-964-155 1
802-964-155 1 (J86647) - 900-Type Power Plants — Manual Diesel Engine-Driven Alternator Plants — 115 KW, 208 to 240 Volts, 3-Phase, 4-Wire, 1800 RPM

802-964-156 3 (J86657) - 900 Type Power Plants — Diesel-Engine-Driven Alternator — 24 or 28 Kilowatts, 208-240V, 60 Hz, 3φ, 4 Wire — 24 or 28 Kilowatts, 230-240V, 60 Hz, 1φ, 3 Wire — 40 Kilowatts, 208-240V, 60 Hz, 3φ, 4 Wire — 40 Kilowatts, 230-240V, 60 Hz, 1φ, 3 Wire

802-964-180 1 Performance Requirements — For J86628 1900-Type) Power Plants

802-964-181 1 Performance Requirements — For J86629 1900-Type) Power Plants

802-964-183 2 Performance Requirements — For J86842 1900-Type) Power Plants — Automatically Controlled

802-964-184 2 Performance Requirements — KS-22344 Diesel-Engine Alternator — 40 KW and 24 KW Plant (J86657)

Add 802-965-150 1
802-965-150 2 (J86631) 900-Type — Stationary Diesel Engine-Driven Alternator — Automatic and Manual — 208 to 240 or 416 to 480 Volts, 225 KW — 3 Phase, 60 Cycles

802-965-180 2 Performance Requirements — For J86631 1900-Type) Power Plants — Manual Control

Add 802-965-181 1
802-965-181 2 Performance Requirements — For J86631 1900-Type) Power Plants — Automatic Control

900-Type — Engine Alternator Plants

Add 802-980-150 2
802-980-150 4 (J86838) 900-Type Power Plants — Stationary Gas Turbine Engine Driven Alternator — 208, 230, 240, 480, or 4160 Volts, 750KW — Manual and Automatic Control

Add 802-980-151 1
802-980-151 4 (J86637) 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 200 KW — 3 Phase, 60 Cycles

802-980-152 2 (J86644) 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 480 and 4160 Volts, 2100 and 2500 KW — 3 Phase, 60 Hz

802-980-153 3 (J86653) 900-Type Power Plants — Stationary Gas Turbine Engine Driven Alternator — 208, 230/240, 480, or 4160 Volts, 900 KW (Peak)/750 KW (Base) — Manual and Automatic Control

802-980-154 1 (J86654) — 900 Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 435 to 500 KW 3 Phase, 60 Hz

802-980-155 1 (J86655) — 900 Type Power Plants — Gas Turbine Engine Driven Alternator — 480 Volts and 4160 Volts, 1250 to 1500 KW 3-Phase, 60 Hz

802-980-180 1 Performance Requirements — For J86838 1900-Type) Power Plants — Manual Control

802-980-181 1 Performance Requirements — For J86838 1900-Type) Power Plants — Automatic Control

802-980-182 1 Performance Requirements — KS-19896 Gas Turbine Engine Alternator — 200 KW Plant (J86637)

802-980-183 2 Performance Requirements — KS-20542 Gas Turbine Engine Alternator — 200kW Plant (J86637)

802-980-184 1 900-Type Power Plants — KS-22673 Gas Turbine Engine Alternator — 900 KW (Peak)/750 KW (Base) Plant J86653 — Performance Requirements

802-980-185 1 Performance Requirements — KS-20460 Gas Turbine Engine-Alternator — 2100kW and 2500 kW Plants (J86644)

802-980-186 1 Performance Requirements — KS-21264 Gas Turbine Engine Alternator — 435 to 500 kW Plants (J86654)

802-980-187 1 Performance Requirements — KS-21879 Gas Turbine Engine Alternator — 1250 to 1500 kW Plants (J86655)

Add 802-981-150 1
802-981-150 1 (J86646) - 900 Type Power Plants — Automatic Reserve Power Plants — 480 or 4160 Volts, 2.1 to 7.5 Megawatts

802-981-151 1 (J86740) — System Control Bay for Parallel Stand-by Alternators

DIVISION 804 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — TOLL SYSTEMS

804-0 Index, General Information, and Miscellaneous Equipments
-1 Program Transmission and Radio Telephone
-3 Microwave Radio
-6 Carrier
-9 Test Equipment

804-0 INDEX, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

◆ 804-000-000 92 Numerical Index — Division 804 — Equipment Design and General Equipment Requirements and Engineering Information — Toll Systems

Specifications

804-001-150 5 (J67002) — Distributing Frame — 11'-6" High — Jacks, Protectors, or 8" Terminal Strips on Vertical Side — 8" Terminal Strips Mounted Vertically on Horizontal Side

804-001-151 3 (J67001) — Distributing Frames — Protector Frames

804-001-152 6 (J616011) — Miscellaneous Intertoll Trunks and Associated Equipments — Relay Rack Units (Also numbered 814-522-150)

804-001-153 7 (J68631) — Toll Conference Unit and Repeater Bay Equipment and Associated Trunk Lines

804-001-154 3 (J68802) — Patching Trunk Bay Equipment and Tandem Patching Trunk Bay Equipment

804-001-155 1 (J68896) — Tandem Patching Bay for Spare Equipments and Patching Trunks for 4-Wire and 6-Wire VF Circuits

804-001-156 2 (J68897) — 4-Wire Order Circuits

804-001-157 10 (J68812) — Telephone Order Wire and Telegraph Test Wire Equipment — Toll and Telegraph Systems

804-001-158 5 (J68648) — Signaling — Sequence Signaling and Telephone Order Wire Equipment

804-001-159 4 (J68814) — Signaling — Sequence Signaling — Transmitting, Receiving and Translating Equipment

804-001-161 3 (J68657) — Toll Conference Service — Multiport Conference Bridge

804-003-150 14 (J68606) — Echo Suppressor Equipment

804-003-151 11 (J68605) — Echo Suppressors and Associated Testing Equipment

804-003-152 5 (J68881) — 3A and 3B Echo Suppressors

Add 804-003-153 2
804-003-165 4 (J68914) — 4A Echo Suppressor Bay

Add 804-003-160 1
804-003-160 2 (J68658) — 5B Type Echo Suppressor Measuring System — Nos. 1A, 2, 3, and 4 Echo Suppressors

804-004-150 4 (J68628) — Repeater and Line Equipment — Associated With Telephotograph

804-004-151 6 (J68640) — Voice-Frequency Telephone Repeaters for Use at 11 and 13 Carrier Auxiliary Repeaters

804-004-153 8 (J68635) — V1 and V2 Telephone Repeaters and Associated Equipment

804-004-154 5 (J68638) — A.C. Operated V1 Telephone Repeater Application

804-004-155 5 (J68649) — V3 Telephone Repeater — Bay Equipments

804-004-156 5 (J68651) — V3 Telephone Repeaters and Voice Frequency Line Equipment for Voice Frequency and Carrier Applications

804-004-157 1 (J68656) — Tone Operated Control — Teletypewriter System

804-005-150 4 (J68777) — 1A Compandor

804-007-150 6 (J68811) — C1 Alarm and Control System

804-007-151 5 (J68806) — B1 Alarm and Control System

804-007-155 7 (J63004) — Alarm Trunk Equipment for Repeater Stations

804-007-156 1 (J63005) — Maintenance Alarm Equipment

804-007-157 2 (J68904) — Signal Converter for Intermittent Trunk Supervision

804-007-158 1 (J68957) — Unitized Analog Facility Terminal Equipment For CCITT No. 5 With Line Signaling Transceivers, Optional A6B Channel Banks, Optional Direct Format Supergroup With Optional 2BX SMAS No. 3 Maintenance Connection Arrangement for 96 Circuits

804-007-160 2 (J68883) — Broadband Restoration — Order Wire Equipment

804-007-161 1 (J68890) — Failure Display Equipment & Broadband Restoration

Add 804-007-162 1
804-007-162 1 (J68891) — Control Console — Broadband Restoration

804-007-163 1 (J68907) — Telemetry Printer for Broadband Restoration

Performance Requirements

804-020-180 3 1600- or 2000-Cycle Single Frequency Supervisory Circuits SD-55958-01 and SD-55954-02

804-020-181 2 1600- or 2000-Cycle Supply Circuit SD-55962-01

	804-020-182	2	1600- or 2000-Cycle Single Frequency Signaling Circuit SD-56202-01
	804-020-183	1	1600- or 2000-Cycle Supply Circuit SD-56239-01
	804-020-184	2	2400- or 2600-Cycle Supply Circuit — 168602CM Oscillator Circuit — 168602CN Transfer Circuit
	804-020-185	4	2400- or 2600-Cycle Single Frequency Signaling Circuit and Network Circuit
	804-020-186	1	2400- or 2600-Cycle Single-Frequency Signaling Circuit SD-56202-02
	804-020-190	2	Ringers and Signaling Circuits and Associated Equipment
	804-021-180	1	Frequency Indicator and Alarm Circuits
	804-021-181	2	Oscillators and Associated Amplifiers
	804-021-182	1	Sequence Signaling and Order Wire Circuits for Use with TD2 Radio Relay Systems, C1 Alarm and Control Systems, Television Networks
	804-021-183	4	Toll Conference Service Equipment
	804-021-184	1	168612L Four-Wire Telephone Order Wire Bridging Arrangements
	804-021-185	1	Network and Network Jack Units J68624
	804-021-186	2	Crosstalk Tests on Newly Installed Repeatered Cable Groups and Composite Sets Used in Cable Circuits
Add	804-021-192	1	
	804-021-192	1	Multiport Conference Bridge
	804-021-193	3	C1 Alarm and Control System — Alarm Sending and Receiving Circuits
	804-022-182	2	22A Type Telephone Repeaters and Associated Circuits
	804-022-186	1	Switched-In V1 Telephone Repeaters and Repeating Coil Hybrid Circuits with Associated Circuits at Main Repeatered Terminals for Toll Switching System No. 4
	804-022-187	4	V1 Telephone Repeaters and Associated Equipment
	804-022-192	5	1A Echo Suppressor and Disabler
	804-022-193	1	2A Echo Suppressor
	804-022-194	1	3A Echo Suppressor
	804-022-195	1	3B Echo Suppressor
	804-022-197	1	3B-Type Echo Suppressor — Measuring System
	804-022-198	1	Tone-Operated Control Circuit ISD 56524-01
	804-023-180	2	1A Compressor and 1A Expander 1A Compandor

Toll Terminal Equipment

	804-060-150	2	J68935- Voiceband Interface — No. 4 ESS Interface
	804-060-151	2	J68952- Digital Terminal
	804-060-153	4	J68960- — Digital Interface
	804-060-157	1	J68965- — Universal Digital Facility Terminal — With 04 Channel Banks, CCITT — No. 6 Line Signaling Transceivers and 2BX Maintenance Connectors — For use in No. 4 ESS Interoffice Switching Centers

804-1 PROGRAM TRANSMISSION AND RADIO TELEPHONE

Program Transmission

Specifications

	804-101-150	2	J68634- — Program Transmission Equipment for Switching of Program Circuits
	804-101-151	12	J68647- — Program Transmission Panels and Units

Performance Requirements

	804-105-180	8	12C Program Amplifiers and Associated Equipment
	804-105-181	4	14C Program Amplifiers and Associated Equipment
	804-105-182	2	7011A Volume Indicator
	804-105-183	1	754 Type Volume Indicators
	804-105-184	2	164001G Volume Indicator
	804-105-185	2	Open Wire Program Amplifiers and Associated Equipment

Radio Telephone

Specifications

	804-130-150	1	J68328- — B4 Control Terminal
	804-130-153	4	J68352- — Terminating Equipment
	804-130-154	1	J68360- — Marine Service Transmitting Station for Use With Aeronautical Communications Equipment Incorporated — Radio Transmitter Model 446
	804-131-151	4	J68312- — Voice Frequency Amplifiers
	804-131-152	2	J68325- — A2 Channel Shifter Panels
	804-131-153	1	J68334- — B1 Channel Shifter Panels
	804-131-154	4	J68326- — Voiced and Bypass Panels
	804-131-155	2	J68317- — B3 Privacy
	804-131-156	2	J68324- — A5 Privacy
	804-131-157	4	J68364- — TV Program Switching — Switching Control Panel and Associated Relay Rack Equipment
	804-132-150	1	J68375- — D1 Alarm and Control Circuit and Order Wire Circuit
	804-132-151	4	J68379- — D2 Alarm Control and Order Wire System

Performance Requirements

804-150-180 5 C2 Control Terminal

804-150-181 4 C4 Control Terminal

804-150-182 2 B1 Control Terminal

804-150-183 1 J68320 G1 Control Terminal

804-150-184 2 J68327 G2 Control Terminal

804-151-180 2 Third Channel Applique per J68323I and Associated Bridging Equipment for Radio Telephone Terminals

804-151-181 2 Telegraph or Third Channel By-Pass Circuit for B1 or B2 Vogad

804-151-187 2 D1 Alarm and Control Circuit and Order Wire Circuit

804-151-188 2 D2 Alarm and Control and Order Wire Circuit

804-152-180 1 A2 Channel Shifter Equipment for Radio Telephone Terminals

804-152-181 2 B1 Channel Shifter Equipment for Multichannel Single Sideband Radio Circuits

804-152-184 1 A2 Vogad Circuit

804-152-185 3 B2 Vogad Circuit

804-152-189 1 Voice Frequency Amplifier J68312C for Radio Telephone Terminals

804-152-190 6 A1 Noise Reducer for Radio Telephone Terminals

804-152-191 1 A2 Noise Reducer for Radio Telephone Terminals

804-152-193 5 A5 Privacy System for Radio Telephone Terminals

804-152-194 1 B4 Privacy Inverter

804-3 MICROWAVE RADIO

Miscellaneous and Common Equipment

804-301-150 2 J68388I — TD to TH and TH to TD IF Shelters

804-301-180 1 IF Shelters — J68388A, B

804-302-150 2 (A8385) — Emergency Broadband — IF Restoration

804-302-180 1 Emergency Broadband IF Restoration

804-302-181 1 Broadband IF Restoration — IF Restoration Pilot Detector

804-302-182 1 IF Restoration — J68385J Interconnecting Status and Control Panel for TD Automatic Protection Switching

804-302-183 1 IF Restoration — J68385M Interconnecting Status and Control Panel for the 100A Protection Switching System

804-302-184 1 IF Restoration — J68385N Interconnecting Status and Control — Panel for TH Radio Protection Switches

804-303-140 5 J68361I — 100A Protection Switching System

Add 804-303-180 1

804-303-180 6 Performance Requirements — 100A Protection Switching System — Transmitting IF Switch and Control Bay

804-303-181 8 Performance Requirements — 100A Protection Switching System — Receiving IF Switch and Control Bays

804-303-182 3 100A Protection Switching System — Receiving Station IF Switch and Control Bay

804-303-183 3 Performance Requirements — 100A Protection Switching System — Local and Remote Control, Indications and Alarms

804-303-184 1 100A Protection Switching System — Test Set

804-303-185 4 Performance Requirements — 100A Protection Switching System — Job Additions

804-304-150 3 J68398I — 200 Type Protection Switching System

804-304-180 1 200A Protection Switching System

804-304-181 1 Performance Requirements — 200A Protection Switching System

804-305-150 2 (A8420) — 9A Transmitter Switch

804-305-180 1 Performance Requirements — 2A IF Protection Switch

804-306-150 4 (A8421) — Line Branching and Multigroup Combining for Use With MMX 2 on Radio

804-307-150 2 (J68918) — Switch and Control Bays and Control Units for Broadband Switching

804-308-150 2 (J68429) — 300A Protection Switching System

804-308-166 1 J68429I — 400 Type IF Protection Switching Systems

804-308-180 2 Performance Requirements for the 300A Protection Switching System

804-308-185 1 Performance Requirements for the J68429AA Test Set — 400A Protection Switching System — Specialized Test Equipment

804-308-187 2 Performance Requirements — 400E Protection Switching System

804-308-188 1 Performance Requirements for the J68437B — 401B Protection Switching System

804-308-190 1 Performance Requirements for the 401C Protection Switching Unit

804-309-150 1 J68384I — Antennas, Passive Reflectors, and Radomes for Microwave Communication Systems

804-309-151 5 J68379I — Indoor — Waveguide Considerations

804-309-152 2 (A8399) — Auxiliary Channel — General Requirements

	804-309-153	5	J68383) — TD & TH Radio — 3 Type FM Terminal Equipment
	804-309-154	5	J68418) — 4- and 5 Type FM Terminal Equipment
	804-309-158	2	J68451) — Toll Systems — Heterodyne Auxiliary Channel Equipment
	804-309-180	1	3A FM Terminal Transmitter
	804-309-181	1	3A FM Terminal Receiver
	804-309-182	1	Performance Requirements — 4A FM Terminal Receiver
	804-309-183	1	Performance Requirements — 4A FM Terminal Transmitter
	804-309-184	2	Performance Requirements — Group Entrance Link — SD-50968-01 and ED-51390-11
	804-311-150	1	1A-Radio Digital System Message Data Combining Units — Equipment Description Toll System
Add	804-313-150	1	
	804-313-150	1	J68436) — Protected Gain and Equalization Bay
	804-314-150	1	J68445) — IF Entrance Link
	804-325-150	4	J68359) — Non-Western Microwave Radio Relay — Motorola Message Equipment — MR 10 — System Requirements
	804-325-151	3	J68361) — Non-Western Microwave Radio Relay — Motorola Multiplex Equipment — Unit Requirements

TD Radio

Specifications

	804-330-152	7	J68338) — IF and Video — Patching and Monitoring Equipment
	804-330-153	3	J68417) — Microwave Radio — IF Patch and Access, FM Terminals, FM Terminal Patching, and Associated Miscellaneous Equipment
	804-330-154	6	J68341) — Radio and Express Radio Order Circuit Equipment for Use With TD and TH Microwave Radio System
	804-330-155	8	J68342) — Alarm Equipment for Use With Major Route — Distribution Fuse, Individual, Audible, and Visual Alarms
	804-330-156	6	J68346) — Alarm Equipment for Use With Secondary Route TD Microwave Radio System — Distribution Fuse, Individual, Audible, and Visual Alarms
	804-330-157	7	J68350) — Automatic Switching — Switching Control Equipment
	804-330-158	6	J68355) — Automatic Switching — Auxiliary Station Switching and Control Equipment
	804-330-160	2	J68354) — Program and Terminal Maintenance Switching, Patching, and Monitoring for IF, Video, and Pilot Resupply Equipment for Automatic Switching
	804-330-161	6	J68344) — Remote Control Equipment for Controlling 223-Type Switches Over Metallic Loops or C1 Alarm System
	804-330-162	4	J68356) — Remote Control Equipment Using Sequence Signaling
	804-330-164	5	J68345) — Transmitter Receiver Test Set

Performance Requirements

	804-330-180	2	FM Terminal Transmitter
	804-330-181	2	FM Terminal Transmitter — Tested With J68337H FM Terminal Test Set
	804-330-182	2	FM Terminal Transmitter — Balanced Input
	804-330-183	2	FM Terminal Receiver
	804-330-184	1	IF and Video Monitoring and Patching Equipment
	804-330-185	1	Video Monitor Amplifier
	804-330-186	1	IF Bridging Amplifier
	804-330-187	4	Automatic Switching — Switching Control Circuits — Switching and Control Bay J68350A
	804-330-188	3	Initiator Circuits for Regular and Protection Channels for TD Radio Automatic Switching
	804-330-189	1	Initiator Test Set for TD Radio Automatic Switching
	804-330-190	2	Video Pilot Supply and Distribution Circuits for TD Radio Automatic Switching
	804-330-191	1	IF Pilot Resupply Circuit for TD Radio Automatic Switching
	804-330-192	1	Program Switching Circuits and Program Switching Control Circuits

TD-2 Radio

Specifications

	804-331-150		AA266.031, Iss 2 J68339) — General Requirements
	804-331-151	8	J68331) — Transmitter-Receiver Bay
Add	804-331-152	2	
	804-331-152	9	J68330) — IF, Microwave, and Control Units
	804-331-153	4	J68389) — Microwave Radio — Channel Equalization and Level Adjustment
	804-331-154	1	J68378) — IF Amplitude Equalization
	804-331-155	5	J68349) — Automatic Switching — IF Switching Equipment
	804-331-156	5	J68382) — TD Microwave Radio — 1 x 5 — Automatic Protection Switching Equipment
	804-331-157		AA266.037, Iss 5 J68343) — Tube Cooling System
Add	804-331-158	1	
	804-331-158	4	J68368) — Outdoor Waveguide for Microwave Communications Systems

804-331-159	3	J68348I — General Requirements for Secondary Route Installations
804-331-161	6	J68337I — FM Terminal Test Set
804-331-162	-	AA266,036, Iss 6 J68333I — Test Bench Equipment
804-331-163	5	J68340I — TD-2 Radio Transmitter-Receiver Test Equipment and Microwave System Power Meter

Performance Requirements

804-331-180	1	Over-all Radio System
804-331-181	2	J68340A Transmitter-Receiver Test Bay
804-331-182	10	TD-2 Transmitter-Receiver Bay — Tested With J68340A Test Bay
804-331-183	2	J68345A Transmitter-Receiver Test Bay
804-331-184	7	TD-2 Transmitter-Receiver Bay — Tested With J68345A Test Set
804-331-185	1	J68378B IF Amplitude Equalization Circuit
804-331-186	1	FM Terminal Test Sets
804-331-187	2	J68337H FM Terminal Test Set
804-331-188	1	FM Terminal Receiver for TD Radio Tested With J68337H FM Terminal Test Set
804-331-189	2	TD2 Radio Automatic Switching Over-all Systems Tests
804-331-190	1	FM Terminal Transmitter Automatic Protection — Switching System Per SD-50449-01 for Baseband to IF Transmission Circuits — Connecting L Type Multiplex to TD-2 Radio
804-331-191	1	J68382 FM Terminal Receiver — Protection Switching System — IF-to-Baseband Transmission Circuit — Connecting TD Microwave Radio to L-Type Multiplex
804-331-192	1	Visual Delay Set
804-331-193	3	J68333A Test Bench
804-331-194	1	RF Leakage

TD-3 Radio

Specifications

Add 804-332-150	1	
804-332-150	2	J68386I — Transmitter Receiver Bay
804-332-151	3	J68392I — Transmitter-Receiver Test Set
Add 804-332-152	1	
804-332-152	3	J68387I — Transmitter Receiver Bay Components
804-332-153	2	J68396I — TD-3/TH-3 Radio Systems — Test Bench Facility
Add 804-332-154	1	
804-332-154	1	J68390I — Long Haul Microwave Radio Systems
804-332-155	2	J68391I — Alarm Equipment for Use with TD-3 and TH-3 Microwave Radio Relay System — Distribution Fuse, Individual, Audible, and Visual Alarms

Performance Requirements

804-332-180	1	J68392A TD-3 Radio Transmitter-Receiver Test Set
804-332-181	3	J68386A and B TD-3 Transmitter-Receiver Bays
804-332-182	2	Station Audible, Visual, and Common Alarm Circuits
804-332-183	1	J68386G and H Transmitter-Receiver Bays

TH Radio

Specifications

804-333-150		AA266,067, Iss 1 J68401I — General Requirements
804-333-151	-	AA266,068, Iss 3 J68402I — Broadband and Auxiliary Channel — Radio Transmitter and Receiver Equipment
Add 804-333-153	1	
804-333-153	3	J68404I — Component Equipment
804-333-154	2	J68406I — FM Terminal Equipment
804-333-155	3	J68407I — Alarm Equipment for Use With TH-1 Radio Systems — Distribution Fuse, Individual Audible, and Visual Alarms
Add 804-333-156	1	
804-333-156	3	J68854I — Message Connecting Links
Add 804-333-157	1	
804-333-157	2	J68409I — Automatic Protection Switching Bay Equipment
804-333-158	2	J68410I — Automatic Protection Switching Equipment — Panels, Mountings, and Plug-In Units
804-333-159		AA266,083, Iss 1 J68411I — IF and Baseband Patching, Monitoring Amplifier, Equalization Equipment and Station Transmission Cabling
804-333-161	2	J68405I — Transmitter-Receiver Test Set
804-333-162	2	J68415I — Auxiliary Channel Test Set
804-333-163	2	J68408I — TH Microwave Radio — FM Terminal Test Set
804-333-164	2	J68412I — Protection Switching Test Set
Add 804-333-166	1	
804-333-166	3	J68848I — Maintenance Center — Test Equipment

Performance Requirements

804-333-180	5	Microwave Carrier Supply
804-333-181	3	TH Microwave Radio — Broadband and Auxiliary Channel Equipment — Auxiliary Channel Transmitter and Receiver

804-333-182 2 TH Auxiliary Channel Terminal

804-333-183 1 Transmitter Receiver Test Set

804-333-184 2 Broadband Channel Radio Transmitter

804-333-185 3 Broadband Channel Radio Receiver

804-333-186 1 TH Terminal Test Set

804-333-187 2 J68406 TH Terminal Transmitter

804-333-188 1 J68408X TH Terminal Receiver

804-333-189 1 Message Connecting Links

804-333-190 1 TH Magnitude Equalization Circuit

804-333-191 1 Main and Repeater Stations

804-333-192 1 J68412A Protection Switching Test Set

804-333-193 2 Automatic Protection Switching System — TH Terminal Switching — DC Reporting — IF to Baseband Switching for TH Terminal Receivers — Baseband to IF Switching for TH Terminal Transmitters — J68409A, J68409B, and J68409D Bays

804-333-194 3 Automatic Protection Switching System — IF Switching Type Reporting Section J68409A and J68409C Bays

804-333-195 1 Protection Switching System — Automatic Exercise

804-333-196 2 Maintenance Center Test Equipment

804-333-197 1 Tube Cooling System

804-333-198 1 J68402N TH-1 Radio Broadband Channel Radio Receivers

TH-3 Radio

Specifications

804-334-150 2 J68423J — Medium Haul — Terminal and Order Wire and Alarm Equipment

Add 804-334-151 1
804-334-151 1 J68426J — Medium Haul System — General Equipment Design Requirements

804-334-152 1 J68422J — Frequency Diplexed — Auxiliary Channel

Add 804-334-153 1
804-334-153 1 J68913J — Transmitter-Receiver Bay Components

Performance Requirements

804-334-180 1 The J68912A and J68912B TH-3 Transmitter-Receiver Bays

804-334-181 2 Auxiliary Channel Switching System — Main Station

804-334-182 1 The Farinon FJ-00008D — Frequency Diplexed Auxiliary Channel Multiplex Circuits

804-334-183 1 J68422C and J68422E Frequency Diplexed Auxiliary Channel System — Modulating/Demodulating Circuits

804-334-184 1 Frequency Diplexed Auxiliary Channel Switching System — Repeater Station

804-334-185 1 TH-3 Medium Haul Voice

804-334-186 1 Frequency Diplexed Auxiliary Channel

TJ Radio

Specifications

Add 804-336-151 1
804-336-151 1 J68371J — Transmitter-Receiver Bay

804-336-152 2 J68372J — Transmitter-Receiver Units

804-336-153 3 J68373J — Order Wire, Alarm, and Control Bay

804-336-154 4 J68374J — Diversity Switch and Transmission Bay

804-336-155 7 J68375J — TJ Microwave Radio — Test Sets and Test Equipment — Testing and Maintenance

Performance Requirements

804-336-180 2 Transmitter-Receiver Bay

804-336-181 2 TJ Order Wire, Alarm, and Control Bay for Use With TJ Radio-DT Alarm Systems — Including TJ/TM-1 Application

804-336-182 2 TJ Diversity Switch for Order Wire, Alarm, and Control Bay for Use With TJ Radio-DT Alarm System — Including TJ/TM-1 Application

804-336-183 2 Type A Wire Line Entrance Link Per SD-69435-07

804-336-184 1 Wire Line Entrance Link Per SD-50006-01 for Cable Lengths Between 2400 Feet and 7.7 Miles

804-337-180 3 TN-1 Microwave Radio — Transmitter-Receiver Panel

804-337-181 1 TN-1 Microwave Radio — Overall System

AR6A Single-Sideband

804-340-150 1 J68449J — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay

804-340-152 1 Test Equipment — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay

804-6 CARRIER

Miscellaneous Equipments

804-601-150 4 J68738J — Carrier Drainage Coil Equipment

804-601-151 8 J68746J — Miscellaneous Equipment for Main and Auxiliary Stations

804-601-152 3 J68876J — Restoration Patch Bays

804-601-180 4 A1 and C1 Carrier Program Terminals and Connections to Group Circuits

804-601-181 5 Two Channel Bank Type EB

804-602-150 10 J68733J — Broadband Carrier Telephone — 12 Channel Bank Equipment Type A1 (For "J", "K" and "L" Systems) — Group Terminal Equipment (For K-J Systems)

804-602-151	10	J68775 — Broadband Carrier Telephone — Carrier and Pilot Supply Panels
804-602-152	5	J68787 — Broadband Carrier Telephone Equipment — Type C1 or A1 E, or B, K, E1 or B1 E, F, K Channel K Carrier Line Bridges — Carrier Program Transmission
804-602-153	1	J68790 — Broadband Carrier Telephone — A1 Transmission Alarm Equipment
804-602-154	6	J68799 — Broadband Carrier Telephone — Group Connecting and J1 Carrier Supergroup Connection
804-602-155	5	J68805 — H.F. Broadband Carrier Terminal — Group Branching and Bridging Equipment for 5 or 8 K C Carrier Program Transmission
804-602-156	1	J68832 — Broadband E, H, N and O Carrier Telephone — Voice-Frequency Channel Patch Bay Equipment
804-603-150	2	J68853 — TD Radio — Type A, B and C Wire Line Entrance Links and TJ Radio — Type A Wire Line Entrance Link
804-603-152	4	J68874 — Solid State Wire Line Entrance Links for Connection of E Type Multiplex to Microwave Radio System
804-603-153	3	J68903 — Microwave Radio — 3 Wire Line Entrance Link Equipment
804-603-180	2	TD Radio Wire Line Entrance Link Per SD-59459-01 for Cable Lengths Less than 2700 Feet
804-603-181	1	TD Radio Wire Line Entrance Link Per SD-59459-02 for Cable Lengths Less than 2700 Feet
804-603-182	1	TD Radio Wire Line Entrance Link Per SD-59494-01 for Cable Lengths Exceeding 7.9 Miles
804-603-183	1	TD Radio Wire Line Entrance Link Per SD-59527-01 for Cable Lengths between 2400 Feet and 7.9 Miles
804-603-184	1	TD Radio Wire Line Entrance Link Per SD-59527-02 for Cable Lengths between 2400 Feet and 7.9 Miles
804-604-150	2	J68909 — Primary Frequency Supply — Distribution
804-604-151	2	J68911 — 64 KHz Independent Pilot Supply and Distribution Circuit
804-604-180	2	J68909 Distribution Bases for the Primary Frequency Supply Used with Carrier Telephone Systems
Am1 804-604-181	1	
804-604-181	2	Performance Requirements — Independent 64- and 512-kHz Pilot Suppliers and Distribution Circuit
804-624-187	1	64 KHz Preamplifier and Distribution Circuit

K1 Carrier

Specifications

804-624-150	6	J68740 — Twist Transmitting, Test Program Transmitting or Auxiliary Switching Amplifier Panel, Auxiliary Receiving Amplifier Panel, Bridge and Slope Network Panel, and Associated Fuseboard
804-624-151	4	J68741 — 12 60 KC Line Amplifier for Use with 19 Gauge Non-Loaded Cable Circuit
804-624-152	1	J68745 — Crosstalk Balancing Equipment
804-624-153	6	J68773 — Type "B" and "L" Carrier Telephone — Carrier and Pilot Supply Bays
804-624-154	3	J68776 — Transmission Regulator — Pilot Channel Control and Gain Regulator Bay Equipment
804-624-155	4	J68778 — Type K and L Carrier Telephone — Auxiliary Position Panels
804-624-156	3	J68785 — Alarm Signal and Twenty Cycle Power and Associated Trunk Equipment
804-624-157	2	J68775 — Line Building Out Equipment

Performance Requirements

804-624-180	2	Terminal
804-624-181	9	Line and Trunk Amplifier and Associated Equipment
804-624-182	3	Line and Amplifier Switching Equipment
804-624-183	3	Deviation Regulator for Repeatered and Receiving Terminals
804-624-184	1	Double Sideband Program Terminal
804-624-185	1	Connecting Circuit — K1 and K2 Carrier Telephone
804-624-186	1	Manual Deviation Regulator — K1 Carrier Telephone
804-624-187	3	Carrier Program Through and End Branching Circuits Using A1A, A1B, A1BS, C1A, C1B and C1BS Carrier Line Bridges
804-624-188	9	A1CC, C1CC, and C1CT Carrier Program Line Bridges Using Single Terminal Bridge with Receiving Selector Circuit
804-624-189	5	42A Transmission Measuring System
804-625-180	5	A1 and C1 Carrier Program Terminals Associated with Channel Banks — K and L1 Carrier Telephone
804-625-181	11	Carrier and Pilot Supply for K and L1 Carrier Telephone Systems
804-625-182	1	B1 Carrier Program Terminal — K and L1 Carrier Telephone

K2 Carrier

Specifications

804-626-150	1	(J68844) — Equipment in Main Repeater and Terminal Stations
804-626-151	6	(J68784) — Group Terminal Equipment
804-626-152	7	(J68782) — Regular and Portable Line Amplifier and Associated Equalizer Equipment
804-626-153	4	(J68786) — Common Grid Battery Supply Equipment
804-626-154	6	(J68783) — Twist Amplifier Equipment
804-626-155	3	(J68788) — Carrier Line Switching and Test Pilot Supply Equipment
804-626-156	6	(J68792) — Individual Alarm, Alarm Trunk, and Alarm Trunk Signaling Units
804-626-157	4	(J68793) — K1-K2 Junction Amplifier, and Auxiliary Amplifier for Use in Tandem With Twist Amplifier

Performance Requirements

804-626-180	9	Terminal
804-626-181	4	Line Amplifiers and Associated Equipment
804-626-182	4	Twist Amplifiers and Associated Equipment
804-626-183	3	Line Switching Equipment
804-626-184	4	Test Pilot Supply Equipment

L Carrier

Specifications

804-627-150	8	(J68774) — Terminal Panels
804-627-151	9	(J68768) — Repeater Panel Equipment
804-627-152	9	(J68770) — Repeater Bay Equipment
804-627-153	10	(J68772) — Group and Supergroup Terminal Bays
804-627-154	5	(J68801) — Supergroup Blocking Equipment
804-627-155	5	(J68791) — Equipment for Auxiliary and Equalizing Auxiliary Repeater Stations
804-627-156	9	(J68769) — Miscellaneous Maintenance and Testing Equipment
804-627-157	3	(J68796) — Miscellaneous Equipment
804-627-159	2	(J68937) — Order Wire Bay
804-627-160	1	(J68942) — Synchronization Distribution

Performance Requirements

804-627-180	1	J68798 Regulator Repair and Repeater Test Equipment
804-627-181	1	J68798B Modulation Test Set

L1 Carrier

Specifications

804-628-150	2	(J68789) — Application Specification
804-628-151	6	(J68771) — High Frequency Switch Equipment
804-628-152	3	(J68797) — Terminal Test Oscillator Bay
804-628-153	4	(J68798) — Maintenance Center Equipment
804-628-154	2	(J68806) — Regulators
804-628-155	1	(J68808) — Line Amplifiers
804-628-157	3	(J68807) — Television Line Equipment
804-628-158	1	(J68825) — Repeater Activity Test Set
804-628-159	6	(J64053) — 53A Mobile Oscillator for Use

Performance Requirements

804-628-180	5	12-Channel Bank Type A4 and Type A5 when Used With L1 and L3 Carrier Telephone
804-628-181	6	Amplifiers, Regulators, and Auxiliary Repeater Equipment
804-628-182	6	Main and Terminal Repeater Equipment
804-628-183	1	J68798C Vacuum Tube Test Set Equipment
804-628-184	2	Carrier Program Terminal Associated With B2 and C2 Television Terminals
804-628-185	5	Group Branching and Bridging Circuits and 5 KC Program Bypass Circuits for Use With Carrier Program Transmission
804-628-186	5	Television Branch, Terminal Line, and Dropping Circuits
804-628-187	3	B2 (Transmitting) Television Terminal
804-628-188	2	B3 Transmitting Television Terminal Using Automatic Switch SD-59704-01
804-628-189	3	C2 (Receiving) Television Terminal
804-628-190	3	C3 Receiving Television Terminal — Using Automatic Switch SD-59704-01

L3 Carrier

Specifications

804-629-150	4	(J68829) — L3 Supergroup Bank — L3 Master Group Bank, — Associated Carrier Supplies and High Frequency Patching Equipment
804-629-151	4	(J68828) — Carrier and Pilot Supply — Equipment
804-629-152	2	(J68822) — Pilot Indicator Panel and Pilot Alarm Unit
804-629-153	3	(J68816) — Amplifiers
804-629-154	4	(J68817) — Regulators
804-629-155	4	(J68821) — Filament and Bias Supply

	804-629-158	5	(J68836) — Gain Equalizer and Computers
	804-629-157	5	(J68820) — 13 or 14 Carrier — Automatic Line Switching
	804-629-158	4	(J68818) — Transmission Panel — Equipment
Add	804-629-159	1	
	804-629-159	5	(J68830) — Main Repeaters
	804-629-160	4	(J68823) — Main and Equalizing Auxiliary Repeaters — Cable Terminating Panels — Equipment
	804-629-161	7	(J68819) — Auxiliary and Equalizing — Auxiliary Repeaters
	804-629-162	6	(J68815) — 13 Carrier-Power Supply Equipment Units for Use at Repeaters Operating on Power Received Over Coaxial Cable
	804-629-163	3	(J68837) — Transmission Measuring — Cosine Equalizer Adjustment Set
	804-629-164	5	(J68827) — Testing Equipment
	804-629-165	1	(J68869) — Phase Difference Measuring Set
	804-629-166	4	(J68835) — Amplifier and Regulator Test Set
	804-629-167	2	(J68839) — Thermistor Control Sets for Testing and Maintenance

Performance Requirements

	804-629-180	3	13 Carrier Telephone Terminal — Submaster and Master Group Equipment
	804-629-181	6	13 Carrier Telephone Terminal — Carrier and Pilot Supply Equipment (Including Installations Having Only Emergency Pilot Supply Equipment)
	804-629-182	3	Amplifier and Regulator Test Cords
	804-629-183	3	Automatic Line Switching for 12 and 14 Carrier
	804-629-184	1	Equalizing, Switching, and Terminal Main Repeater Equipment
	804-629-185	1	Transmission Bay and Television Dropping Bay at Equalizing Auxiliary Repeaters

L4 Carrier

Specifications

	804-630-150	5	(J68877) — Carrier Telephone — L4 Coaxial System
Add	804-630-151	1	
	804-630-151	4	(J68889) — Mastergroup Multiplex 2 (MMX-2) Terminal — MMX-2C for L4 Coaxial Systems — MMX-2R for TH-1, TD-1, and TD-3 Radio Systems
Add	804-630-152	1	
	804-630-152	2	(J68895) — L4 Remote Control Center and Loop Back Equipment
	804-630-153	2	(J68906) — Repeater Test Set and L4 Repeater Test Stand

Time Assignment Speech Interpolation (TASI)

Add	804-630-154	2	
	804-630-154	1	(J68918) — Supergroup Distributing Terminals
	804-630-155	2	1 Carrier Mastergroup — Digital Terminal Equipment (1MD)
	804-630-156	2	(J68953) — Mastergroup Translator Equipment

L5 Carrier

Specifications

	804-631-150	2	(J68923) Main Station Line Equipment — Test Stand and Warm-Up Rack ED-51487
	804-631-151	2	(J68919) — L5/L5E Carrier System
	804-631-152	3	(J68934) — Jumbogroup Frequency Supply — JMX/L5 Carrier or MMGT-C/L5E Carrier
	804-631-153	2	(J68922) — L5/L5E Carrier — Transmission Surveillance System
	804-631-154	3	(J68921) — L5/L5E Carrier — Line Protection Switching System (LPSS-3)
Add	804-631-155	1	
	804-631-155	1	(J68936) — L5 Carrier — Equalizer Adjustment Unit
	804-631-156	2	(J68931) — Basic Jumbogroup Trunk Bay
	804-631-157	1	(J68920) — Jumbogroup Multiplex (JMX) Terminal for L5 Coaxial Systems
	804-631-158	3	(J68938) — Restoration Trunk Bay for JMX-L5 Systems or L5E Systems
	804-631-159	1	(J68940) — Bell System Reference Frequency Standard
Add	804-631-160	1	
	804-631-160	2	(J68955) — Multimastergroup Translator for Cable Systems (MMGT-C)
	804-631-161	1	(J68958) — L5/L5E Carrier — Equipment Design Requirements — Toll Systems

Submarine Cable — Terminal

	804-637-150	3	(J68900) — SF Submarine Cable System — Terminal Stations
	804-637-151	5	(J68901) — SF Submarine Cable — Terminal Transmission Bays — Terminal Station
Add	804-637-152	1	
	804-637-152	4	(J68892) — SF Submarine Cable — High Frequency Line, Drain Wire, and Associated Equipment — Terminal Station
	804-637-153	5	(J68893) — SF Submarine Cable System — Multiplex and Carrier Supply Equipment — Terminal Station
	804-637-154	1	(J64733) — SF Submarine Cable — Cable Laying Test Set
	804-637-158	7	(J68917) — Repeater Locating Test Set — SC and SF Submarine Cable

804-637-164 1 J64734 — 5G Submarine Cable System 5G/5F Cable Laying Test Set

804-637-165 1 J68939 — Repeater Monitoring Set — 5F and 5G Submarine Cable

804-637-166 1 J64735 — Transportable Transmission Measuring Set for Installation at 5G Cable Shore Ends

804-637-167 1 J68943 — 5G Submarine Cable System — 5G/5F Data Translator Cabinet

804-637-168 1 J68944 — 5G Submarine Cable — 5G High Frequency Line for 5G Submarine Cable Installation

804-637-169 1 J68945 — 5G Submarine Cable System — General Purpose Test Equipment Cabinet

804-637-170 1 J68946 — 5G Submarine Cable — Terminal Station Power Separation Filter

804-637-173 1 J68949 — 5G Submarine Cable — Shipboard Portable Test Load for Testing 5G Shipboard Power Feed Equipment

804-638-159 2 J68860 — 5G Submarine Cable System

804-638-162 1 J68950 — 5G Submarine Cable Medium Voltage Power Feed Equipment for Installation of 5G Cable Shore Ends

TASI

Add 804-639-154 1
804-639-154 1 J68905 — Terminal Bays and Associated Equipment — TASI B Switching System

Add 804-639-155 1
804-639-155 1 J68925 — Circuit Pack Test Set and Associated Equipment — TASI B Switching System

804-639-160 1 TASI-E System Frame — Equipment Description

Add 804-639-181 1
804-639-181 1 Performance Requirements for International Time Assignment Speech Interpolator Type E — TASI-E — J68963A

L Type Multiplex

Specifications

804-640-150 4 J68858 — Carrier Telephone

Add 804-640-151 2
804-640-151 4 J68863 — A5 Channel Bank Equipment

804-640-152 4 J68857 — Carrier and Pilot Supply

804-640-153 2 J68872 — 64 KC Pilot Monitor

804-640-154 1 J68929 — A6 Channel Bank Equipment

804-640-155 2 J68867 — L60A and L120A — Multiplex Terminal

804-640-156 3 J68868 — LWM-1, LWM-3, LWM-4 Wideband Modems, LWA-1 Alternate Use Panel

804-640-157 2 J68880 — LWM-5 and LWM-6 Wideband Modems

804-640-158 2 J68862 — Basic Message Connecting Link for Connection of TI Radio

804-640-159 2 J68885A — Basic Message — Connecting Link for Connection for L Type Multiplex to TI or TI Radio

804-640-160 1 J68930 — Group Distribution and Trunks

804-640-166 1 J68959 — Alarm Trunk Release and Make Busy Equipment — For Use With E-Type or Single Module F Type — E and M Single Frequency Signaling and A5/A6 and N2/N3 Channel Banks

Performance Requirements

804-640-180 8 Carrier Telephone Terminal — Channel Group and Supergroup Equipment

804-640-181 6 J68857 Carrier and Pilot Supply

804-640-182 2 J68857AC Primary Frequency Generator — Carrier Telephone

804-640-183 1 J68857AB 308- to 64-KHz Synchronizing Frequency Converter Carrier Telephone

804-640-184 4 J68872A 64 KC Line Pilot Monitor Equipment

804-640-185 6 LMX-2 Transmitting and Receiving Bay Equipment

804-640-186 1 LMX-2 C2B and C2C Transmitting and C2B and C2C Receiving Supergroup Bank Circuits

804-640-187 2 J68867 — 160A and 1120A Terminals

804-640-188 3 Basic Message Connecting Link for Connection of L Type Multiplex to TI or TI Radio

804-640-189 2 Basic Type A Wire Line Entrance Link for Connection of L Type Multiplex to Short Haul Radio Systems

804-640-190 2 Type A Wire Line Entrance Link Connection of L Type Multiplex to TD-2 Radio Equipped With FM Terminal Protection — Switching System

804-640-191 2 Type B Wire Line Entrance Link Transmission Circuit for Connection of L Type Multiplex to TD-2 Radio — Equipped with FM Terminal Protection — Switching System

804-640-192 3 L Type Multiplex Broadband Restoration Pilot Supply, Service Restoration Pilot Detector, Detector Calibration Circuit, and 92-1468 KHz Supply for Restoration

804-640-193 1 LWM-1 Wideband Modem

804-640-194 1 LWA-1 Alternate Use Panel

804-640-195 1 LWM-2 Wideband Modem

804-640-196 2 LWM-3 Wideband Modem and LWM-4 Wideband Modem

804-640-197 2 LWM-5 Wideband Modem

804-640-198 1 LWM-6 Wideband Modem

804-9 TEST EQUIPMENT

	804-910-150	6	(J64710) — Trunk Test Set (Box Types) — Toll and Step-by-Step Systems (Also numbered 814-637-151).
Add	804-910-151	2	
	804-910-151	19	(J64001) — 1-Type Panel, Unit, and Portable Test Sets for Transmission Measuring.
	804-910-154	4	(J64005) — Test Sets — Transmission Measuring.
	804-910-156	2	(J64009) — Transmission Measuring 9A Noise Distortion Meter — Low Frequency for Use With TV Video Circuits.
	804-910-157	2	(J64011) — 11A and 11C Lookalers and 11B Lookalor Calibrator.
	804-910-162	2	(J64034) — 34A Transmission Measuring Set.
	804-910-165	5	(J64037) — 37-Type Transmission Measuring Sets.
	804-910-168	4	(J64044) — 44A Transmission Measuring System for Transmission Measuring.
	804-910-180	2	41B Transmission Measuring System.
	804-910-181	2	40B Transmission Measuring System.
	804-910-182	5	43A Noise Measuring Systems for Use at Testboards and Voice Frequency Portions Key.
	804-911-153	4	(J64070) — 70-Type Power Meters for Transmission Measuring.
	804-911-154	2	(J64072) — 72A Frequency Meter.
	804-911-155	5	(J64730) — No. 2B Signaling Test Set.
	804-911-157	4	(J64090) — 90-Type Carrier Frequency Test Equipment — Transmission Measuring.
	804-911-158	2	(J64074) — 74A Wideband Power Meter.
	804-911-159	1	(J64049) — 49A Multiplex Measuring System.
	804-911-160	4	(J64091) — 91-Type Carrier Frequency Measuring System — Transmission Measuring.
	804-911-163	4	(J64708) — Control Test Set — Signaling Testing and Maintenance Centers.
	804-911-180	1	Performance Requirements for J64092A — Carrier Transmission Maintenance System.

DIVISION 806 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — RADIO SYSTEMS AND TELEVISION SYSTEMS

806-0 Index
1 Radio Systems
2 Television Systems

806-0 INDEX

◆	806-000-000	16	Numerical Index — Division 806 — Equipment Design and General Equipment Requirements and Engineering Information — Radio Systems and Television Systems.

806-1 RADIO SYSTEMS

	806-101-180	1	Performance Requirements — RD 3795 Base Station — Radio Transmitter.
	806-101-181	1	Performance Requirements — RD 4214W Base Station — Transmit Receive Set.
	806-101-183	1	Performance Requirements — Type IE T1 Radio Transmitter.
	806-101-184	2	Performance Requirements — Type IE-R1 Radio Receiver.
	806-106-151	5	(J41611) — 1D/T2 Radio Transmitter.
	806-106-181	3	Performance Requirements — Type 1D-T2 Radio Transmitter — 4 or 2.8 MC.
	806-106-187	2	Performance Requirements — Type 1D-T2 Radio Transmitter — 3.5 to 28 MC.
	806-106-183	2	Performance Requirements — Type 1D-R1 Radio Receiver.
	806-106-184	1	Performance Requirements — Type 1D-R1 Receiving Amplifier.
	806-107-160	2	(J41627) — Field Applications of TE-1 and TE-2 Radio.
	806-107-151	5	(J41605) — Type TE T1 Radio Transmitter.
	806-107-180	2	Performance Requirements — TE Radio System.
	806-107-181	1	Performance Requirements — Type TE A1 Receiving Amplifier.
	806-140-150	2	(J41643) — Transmitter Tower Terminating Unit — Personal Signaling Service.
	806-140-152	1	(J41647) — 150 Megahertz BELLBOY® — Personal Radio Service.
	806-140-153	5	(J99281) — 31 Compel Terminal Frames and Units — 150 Megahertz BELLBOY® — Personal Radio Service.
	806-140-180	2	Performance Requirements — J99281S — Transmitter Control and Tone Supply Bay — 31 Compel Terminal.
	806-157-150	3	(J41644) — M1 and MK Mobile Radio Telephone System — Large System Equipment Units.
	806-157-151	2	(J41648) — Air Time Circuit — M1 and MK Mobile Telephone Systems.
Add	806-157-181	1	
	806-157-181	V	M1 and MK Mobile Radio Telephone System — Performance Requirements — Large System Control Terminal.
	806-158-150	5	(J41645) — M1 and MK Mobile Radio Telephone System — Small System Equipment Units.

806-158-151 1 (J41646) Remote Signaling Circuit — MJ Mobile Radio Telephone System

Add 806-158-180 1
806-158-180 2 MJ and MK Mobile Radio Telephone Systems — Performance Requirements — Small System Control Terminal

806-159-151 1 Advanced Mobile Phone System (AMPS) — Cell Site Equipment — Equipment Description

806-3 TELEVISION SYSTEMS

806-301-180 2 Performance Requirements — Balanced Clamper

806-301-181 3 Performance Requirements — J8 Clamper Amplifier

806-301-182 2 Performance Requirements — Video Distribution Amplifier per SD-42010-01

806-301-183 2 Performance Requirements — Video Distribution Amplifier per SD-42019-01

806-301-184 1 Performance Requirements — 1x3 Splitting Amplifier

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806-311-150 5 (J44101) Video Transmission — Terminal Equipment

806-312-150 6 (J44102) Video Transmission — Television Operating Center

806-313-150 1 (J44103) Video Transmission — Miscellaneous Monitoring Equipment

806-314-150 2 (J44104) T3 Carrier Telephone — T3 and R3 Television Terminals

806-314-180 2 Performance Requirements — T3 Transmitting Television Terminal

806-314-181 2 Performance Requirements — R3 Receiving Television Terminal

806-315-150 5 (J44105) A2A Video Transmission System — Terminal and Repeater Equipment

806-315-180 2 Performance Requirements — A2A Video Transmission System

806-316-150 2 (J44106) A2B Video Transmission System — Terminal and Repeater Equipment

806-316-180 2 Performance Requirements — A2B Video Transmission System

806-317-150 3 (J44107) Video Transmission — Switching, Interconnecting, Monitoring, and Testing Equipment For Use at Television Operating Centers

806-317-180 1 Performance Requirements — J44107 Television Operating Center — Alignment of Interconnecting Circuits

806-317-181 1 Performance Requirements — J44107 Television Operating Center — Video Switch

806-317-182 1 Performance Requirements — J44107 Television Operating Center — 10x12 or Smaller Video Switch

806-317-183 1 Performance Requirements — J44107 Television Operating Center — Large Office Test Position Connecting Circuits

806-317-184 1 Performance Requirements — J44107 Television Operating Center — Test and Monitor Circuits

806-318-150 1 (J44108) A2AT Video Transmission System — Terminal and Repeater Equipment

806-319-150 5 (J44109) A4 Video Transmission System

806-320-150 1 (J44110) Television Facility Test Position — Application Specification

806-325-001 1 Digital Television Lightwave System — DTLS Transmitter and Receiver

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DIVISION 807 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — DATA SYSTEMS

807-0 Indexes, General Information, and Miscellaneous Equipments
1 Repeater and Carrier Equipments
2 Telegraph and Teletypewriter Switchboards and Teletypewriter Subscriber Sets
3 Teletypewriter Switching Units
4 Telegraph Serviceboards, Telefaxboards, and Test Equipments
5 Station Equipment and Data Sets
6 Digital Data Equipment
7 Data Network Systems

807-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

Indexes

◆ 807-000-000 65 Numerical Index — Division 807 — Equipment Design and General Equipment Requirements and Engineering Information — Data Systems

General Information and Miscellaneous Equipments

807-004-150 1 (J63005) Maintenance Alarm Equipment

Add 807-005-155 1
807-005-155 2 (J70115) 71A1 Level Compensator — For Telephotograph Systems

807-005-181 2 Performance Requirements — 71A1 Telephotograph Level Compensator

807-006-150 1 (J70161) Selector Magnet Driver Unit — Using a 31SA Mercury Relay

807-006-153 6 (J70013) Wave Shaping Sets — For Telegraph Subscriber Lines — Station Equipment

807-007-150 5 (J70107) 144 Type Coupling Units

807-011-150 2 (J70042) 151A1 Teletypewriter Resistance Unit

Add 807-012-150 1
807-012-150 8 (J70144) Miscellaneous Equipment Units — Dial Teletypewriter Exchange

Add	807-012-155	1	
	807-012-155	1	(J70153) - Electronic Units and Electronic Drawer Assemblies — For the Data Converter Unit, — Test Sentence Generator Unit, — Interaction Word Generator Unit, — Supervisor or Service Assistance Desk, — 119E1 Signal Distortion Generator Unit — 5A Automatic Data Test Line Unit, — And Data Signal Distortion Measuring Unit
Add	807-012-160	1	
	807-012-160	6	(J70148) - Printed Card Electronic Units — For Dial Teletypewriter Exchange Service
Add	807-014-150	1	
	807-014-150	2	(J70154) - Junctor Converter Trunk Unit — Fuse and Alarm Unit — Modem Tuned Circuit Unit and Amplifier Unit
	807-014-180	1	Performance Requirements — For Data Converter Junctor Trunk
	807-016-181	1	Performance Requirements — 101B TTY Concentrating Unit
	807-017-150	3	(J70165) - Mounting and Connecting Units — Central Office Data Sets

807-1 REPEATER AND CARRIER EQUIPMENTS

Repeater Equipments

	807-101-180	1	Performance Requirements — 10E1 Single-Line Telegraph Repeater
	807-101-182	1	Performance Requirements — 10F2 Loop Repeater
	807-101-183	1	Performance Requirements — 10G1 Loop Repeater
	807-102-153	6	(J70107) - 13G1 One Way Repeater
	807-102-183	1	Performance Requirements — 13G1 Telegraph Repeater
	807-103-190	2	Performance Requirements — 16B1 Telegraph Repeater
	807-103-191	1	Performance Requirements — 16C1 Terminal Repeater With Balanced-Loop Applique — Operating With a Telegraph Testboard
	807-103-192	1	Performance Requirements — 16C1 Terminal Repeater Operating With a No. 2 or 98 Servicboard
	807-104-180	1	Performance Requirements — 17A1 Telegraph Repeater
	807-105-181	1	Performance Requirements — Metallic Telegraph Repeaters and Associated Circuits
	807-107-150	6	(J70048) - 90A2, 90B1, 90B2, and 90C1 Loop Repeaters
	807-107-180	2	Performance Requirements — 90A1 and 90A2 Loop Repeaters
	807-107-181	1	Performance Requirements — 90C1 Loop Repeater
	807-107-182	2	Performance Requirements — 91A1 Composite Loop Repeater
	807-108-160	4	(J70103) - 98A1 Loop Repeater
	807-110-180	2	Performance Requirements — 106A1 and 106C1 Regenerative Repeaters
	807-113-180	2	Performance Requirements — 143A1 and 143A2 Telegraph Regenerative Repeaters
Add	807-114-150	1	
	807-114-150	3	(J70164) - 145A1 Regenerative Repeater Units
	807-125-150	2	(J70159) - WIR 1 and WIR 2 — Wideband Loop Repeaters
	807-125-151	2	(J70163) - WIR 3 Wideband Loop Repeater
	807-125-152	2	(J70171) - WIR 4 and WIR 5 — Wideband Loop Repeater
	807-126-150	1	(J70168) - Wideband Service Bays and Associated Equipment

Carrier Equipments

	807-160-185	1	Performance Requirements — Voice Frequency Carrier Telegraph — Frequency Indicator — Modified Per J68721, X-63075, or X-63295 — For No Input Alarm and Auxiliary Grid Supply Equipment
	807-150-190	2	Performance Requirements — Grid Potential Supply Circuits — Carrier Telegraph Equipment
Add	807-170-160	2	
	807-170-160	10	(J70112) - 43A1 Carrier Telegraph System — Channel Terminal Unit and Associated Equipment
	807-170-161	5	(J70169) - 43B1 Voice Frequency Carrier and Associated Equipment
	807-170-184	4	Performance Requirements — 40C1 Carrier Telegraph Terminal
	807-170-185	2	Performance Requirements — 40C2 Carrier Telegraph Terminal
	807-170-190	4	Performance Requirements — 43A1 Carrier Telegraph Terminal
	807-170-191	2	Performance Requirements — 43A1 Carrier Telegraph — 2-Wire Carrier Repeater
	807-176-180	4	Performance Requirements — 140A1 Current Supply
Add	807-180-150	1	
	807-180-150	2	(J70162) - B1 Data Carrier Terminal
	807-180-181	1	Performance Requirements — B1 Data Carrier Terminal

807-2 TELEGRAPH AND TELETYPEWRITER SWITCHBOARDS AND TELETYPEWRITER SUBSCRIBER SETS

Telegraph Switchboards

Add	807-201-150	1	
	807-201-150	1	(J70094) - 5382 Telegraph Loop Switchboard
	807-203-151	1	(J70005) - 52C1 Telegraph Loop Switchboard

Teletypewriter Switchboards

807-206-180 1 Performance Requirements — 6A Teletypewriter Switchboard

Teletypewriter Subscriber Sets

807-252-153 5 (J70127) 130C1 Teletypewriter Subscriber Set

807-3 TELETYPEWRITER SWITCHING UNITS

807-305-180 3 Performance Requirements — 81C1

807-305-188 3 Performance Requirements — 81D1

Add 807-308-150 1
807-308-150 2 (J70158) 8383 Teletypewriter Selective Calling System or No. 1 Electronic Switching Systems ADE — Half Duplex Operation

807-4 TELEGRAPH SERVICEBOARDS, TESTBOARDS, AND TEST EQUIPMENTS

Telegraph Serviceboards

Add 807-401-152 2
807-401-152 5 (J70091) No. 2 Telegraph Serviceboard

807-401-153 3 (J70175) Type 2 Low Voltage Hub

807-401-160 7 (J70100) Relay Work Units — For 2 and 98 Telegraph Serviceboards

807-401-161 3 (J70162) 110E1 Multiple Switch Equipment — For Use With No. 2 and 98 Telegraph Serviceboards

807-401-162 3 (J70104) Negative 330 Volt Supply — For No. 2 and 98 Telegraph Serviceboards

807-401-182 1 Performance Requirement — No. 2 Telegraph Serviceboard

807-401-191 1 Performance Requirements — Station Monitoring Test Line Circuit SD 70925-01 — No. 2 or 98 Telegraph Serviceboard — No. 9 Telegraph Testboard

Add 807-402-150 3
807-402-150 6 (J70099) No. 98 Telegraph Serviceboard

807-402-180 1 Performance Requirements — No. 98 Telegraph Serviceboard

Telegraph Testboards

807-409-150 7 (J63513) Miscellaneous Panels and Units — For Use With Toll and Telegraph Testboards

Add 807-411-152 1
807-411-152 3 (J70150) 10A and 10B Telegraph Testboard — Test Position and Relay Unit Equipment

Add 807-411-155 1
807-411-155 1 (J70160) 10C Telegraph Testboard

807-411-181 1 Performance Requirements — 10A Telegraph Testboard

807-411-182 1 Performance Requirements — 10B Telegraph Testboard

807-411-185 1 Performance Requirements — 10C Telegraph Testboard

Test Equipments

807-416-161 4 Performance Requirements — 1114A Polar Relay Test Circuit

Add 807-417-150 1
807-417-150 1 (J70155) Central Office Trunk Test Wagon — Teaching With 3 Row — 5 Wire Data Converter

Add 807-418-151 1
807-418-151 1 (J79806) Data Detection Test Equipment

807-418-180 1 Performance Requirements — Automatic Test Line Circuit

807-418-181 1 Performance Requirements — Automatic Data Test Line No. 6A

807-418-187 3 Performance Requirements — 9080 Data Communication Test Equipment

Add 807-421-150 1
807-421-150 2 (J70175) Voice Frequency — Low Test Current Key — Test and Test Bits — Auxiliary Test Bits — 105 C and 98 Serviceboards

807-421-181 1 Performance Requirements for VF Line Test Circuits — Local Systems

807-426-181 2 Performance Requirements — 110C1 Multiple Switch Circuit

807-427-181 2 Performance Requirements — 1178A and Modified 1178A1 Telegraph Signaling Test Sets

807-428-182 2 Performance Requirements — 1179A Signal Distributing Set

Add 807-434-161 1
807-434-161 5 (J70192) 1660B Test Set — For Testing 184 Type Coding Units and 96A1 Group Repeaters

Add 807-434-163 1
807-434-163 5 (J70120) 166C1 Test Set — For Testing 4A1 Carrier Channel Terminals

Add 807-460-165 1
807-460-165 13 (J79904) 903 Data Test Center — For Remote Data Set Testing

807-460-194 8 Performance Requirements — 903A, B, C and D Data Test Centers

807-460-196 1 Performance Requirements for 904E, F Data Test Center

807-460-197 1 Performance Requirements for No. 904G or 904H — Data Test Center

Add 807-461-165 1
807-461-165 1 (J79908) 908A Logic Circuit Test Set

Add 807-462-150 1
807-462-150 1 (J79909) 909A Test Distributor Panel

807-462-152 6 (J79911) 911-Type Data Test Sets — For Originating Test Sentences and Measuring Distortion

807-462-165 3 (J79912) 912 Type Wideband Data Test Set

Add 807-462-167 1
807-462-167 2 (J79914) 914-Type Data Test Sets for Testing Digital and Analog Data Sets

807-463-150 5 (J79916) 916 Wideband Data Test Set

807-463-180 4 Performance Requirements — For the 916A or 916B — Wideband Data Test Set

807-464-160 2 (J79918) 918 Type Multipoint and Code Converter

Add 807-464-15A 1
807-464-150 2 (J79921) 921A Data Test Set

807-464-180 2 Performance Requirements for the 918 Type — Multipoint and Code Converter (J79918)

807-5 STATION EQUIPMENT AND DATA SETS

Station Equipment

Add 807-505-151 1
807-505-151 1 (J70125) Control Circuits for the 1A2SS #2F — Attempt/Answer to Primary Maintenance — 3 Wire, 2B Type Teletypewriter Stations

Add 807-805-155 1
807-805-156 2 (J10815) 815 Type Controller Units — Station

Add 807-506-150 1
807-506-150 2 (J70134) Semi Automatic — "DATA-PHONE" Data Station Equipment

Data Sets

Add 807-515-151 2
807-515-151 4 (J10501) 101 Type — For Dial Interconnection — Exclusive Use DATA-PHONE Service

807-508-150 1 (J10201) 201A — DATA-PHONE Service — Transmitter/Receiver

807-531-150 1 (J70311) 301 Type — Transmitter-Receiver

807-6 DIGITAL DATA EQUIPMENT

807-601-150 2 (J70176) 950 Type Testboard — 35x 0 Cross Connect and Test Sets

807-601-180 1 Performance Requirements for 950 Type Testboard

807-610-150 1 (J70177) — Transmission Facility Terminal Units, Multipoint Junction, Timing, and Miscellaneous Units

807-610-181 1 Performance Requirements for Digital Data System — Four Wire Power Supply Shelf — Subrate Data Multiplexer and Subrate Data Multiplexer Performance Monitor

807-610-182 1 Performance Requirements for Digital Data System — Secondary Timing Supply

807-610-183 1 Performance Requirements for T1 Data Multiplexer (J70177AD, AE, AG)

807-610-185 1 Performance Requirements — Nodal Timing Supply

807-610-186 1 Performance Requirements for Digital Data System — Local Timing Supply

807-610-187 1 Performance Requirements — Bay Clock Timing and Alarm Circuit — Data Systems

807-610-188 1 Performance Requirements — Multipoint Junction Unit Assembly With Auxiliary Circuits

807-610-189 1 Performance Requirements for Digital Data Central Terminal (J70177AG)

807-610-191 2 Performance Requirements for Digital Data System — Digital Service Repeater (J70177AT)

807-620-150 1 (J70178) Digital Equipment Used in the 758C Switched System — Switched Digital Data System

807-620-180 1 Performance Requirements for Switched Digital Data System — Central Office — Billing Information Transmitter (BIT), BIT Performance Monitor, and Load Detection Circuits Used With the 758C Switching System

807-620-181 1 Performance Requirements for Switched Digital Data System — Central Office — Digital Line Unit Used With the 758C Switching System

807-620-182 1 Performance Requirements — Central Office — Digital Register Sender Originator Unit Used With the 758C Switching System

807-620-185 1 Performance Requirements — Central Office — Digital Register Sender Incidence Unit Used With the 758C Switching System

807-620-186 1 Performance Requirements for Switched Digital Data System — Central Office — Digital Trunk Unit Used With the 758C Switching System

807-7 DATA NETWORK SYSTEMS

Add 807-701-150 1
807-701-150 1 (J70178) Central Office Data Transmission Network Message Switch

807-702-150 1 (J70180) Data Station Selection DATAPHONE® Select-a-Station System

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3 Telephone Answering Systems and Equipments
4 Miscellaneous PBXs
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8 700 and 800 Series Private Branch Exchanges and Electronic Switching Systems

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	809-006-150	1	(159201) - Modification Requirements for Extension of Loop Ranges and Prevention of False Trunk Signals and Pulses
	809-006-151	2	A Method for Establishing PBX Conductor Loop Ranges — Engineering Information
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	809-105-151	1	(11C080) - 812A PBX — AUTOVON Interconnection
	809-105-152	2	(159206) - Autovon Interface Trunks — Autovon
	809-106-150	3	(153122) - Manual Conference Equipment With Voice Repeaters
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	809-110-150	4	(158853) - Automatic Number Identification — Equipment Units — 701A, 701B, 711A, 711B, and 757A PBXs
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	809-140-150	8	(158847) - Touch-Tone Calling Equipment
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	809-160-150	2	(159212) — Management Information System 11A CIS — AEMIS
	809-160-151	1	(159213) — Customer Network Control Center — Minicomputer Equipment — 21A Customer Information System
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809-201-150 7 (58817) Tie Trunk, Auxiliary Trunks, Signal Connector Units, and Miscellaneous Trunks and Circuits — Relay Rack Units

809-201-151 8 (53190) — Tie Trunks, Ringdown Trunks, and Miscellaneous Trunks and Circuits — Relay Rack Units — Manual PBXs

809-201-152 5 (58815) - Tie Trunks, Outgoing Trunks, and Miscellaneous Trunks and Circuits — Relay Rack Units — 606A, 606B, and 702A PBXs

Add 809-201-153 2
809-201-153 7 (58824) - Tie Trunks, Attendant Trunks, Auxiliary Trunks, and Miscellaneous Trunks and Circuits — Relay Rack Units — Dial PBXs

Add 809-202-150 1
809-202-150 4 (58840) Four-Wire Trunk, Station Line, and Miscellaneous Relay Rack Units

809-203-150 8 (58827) Selected Level Announcement Trunk and Recorded Telephone Dictation Trunk Units

809-204-150 8 (59008) Long Line Station Line and Tie Trunk — Relay Rack Units

Alarm and Test Equipments

Add 809-250-150 1
809-250-150 12 (38304) Alarm Equipments — No. 1, 350A Dial Offices and 702A PBX Offices — Step-by-Step and PBX Systems (also numbered 814-675-150)

809-267-150 3 (54703) PBX Card Circuit Test Set — (Box Type)

809-268-150 5 (54701) PBX Test Set — (Box Type) — For Testing Line and Trunk Finders, Selectors, and Connectors — 701-, 711-, and 740 Type PBXs

809-268-151 5 (84704) Line Finder, Selector, and Connector Test Set — (Box Type) — No. 350A and 360A Offices and 701A, 701B, 702A, 711A, and 711B PBXs

809-269-150 8 (34728) Automatic Call Thru Test Set — (Box Type) — For Testing of Switch Trunk (also numbered 814-630-150)

809-269-153 2 (54702) Incoming Trunk Test Set — (Box Type) — For Testing Trunks Incoming to Order Turret No. 3

809-3 TELEPHONE ANSWERING SYSTEMS AND EQUIPMENTS

809-301-150 9 (99302) - Line Concentrator Identifier Equipment — Telephone Secretarial Service

809-301-152 1 (59202) — Tone Signaling Equipment — For Use With Concentrator Identifier in Telephone Secretarial Service

809-302-150 1 (99317) - Operational Service Feature Equipment for Telephone Answering Systems

809-302-180 1 Operational Service Equipment

Add 809-310-150 1
809-310-150 3 (58846) - IA Telephone Answering System

809-4 MISCELLANEOUS PBXs

809-401-150 2 (53115) - Large Dial PBX With Attendant Connectors — War Department — Arlington, Va. and Washington, D.C.

809-7 500 AND 600 SERIES PRIVATE BRANCH EXCHANGES

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809-702-150 2 (59022) 508A PBX Switchboard

Add 809-703-150 1
809-703-150 2 (99284) General Outline — Operating and Equipment Features — 520 Type PBX Emergency Reporting Systems

Add 809-703-153 1
809-703-153 4 (99248) 520C PBX — Concentrator Type Emergency Reporting System — Switchboard Equipment

Add 809-703-154 1
809-703-154 3 (99247) 520L PBX — Concentrator Type Emergency Reporting System — Central Office Equipment

809-703-180 1 Performance Requirements — Direct Line Emergency Reporting System — 520 Type PBXs

809-703-181 1 Performance Requirements — Concentrator Emergency Reporting System — 520 Type PBXs

809-720-150 5 (59023) 557A PBX Switchboard

809-720-151 4 (59024) 557B PBX Switchboard

809-721-150 4 (59027) 558A PBX — Switching Cabinet Equipment

600 Series PBXs

Add 809-753-150 1
809-753-150 6 (53106) 606A PBX Switchboard

809-755-150 4 (53125) 608A PBX Switchboard — 608D PBX Switchboard

809-755-151 1 (53126) - MF Pushbutton Dialing Equipment for 608A PBX Switchboard Used as Attendant Position — No. 5 Crossbar Office Functioning as a PBX

809-755-154 2 (53129) 608B PBX Switchboard

Add 809-755-157 1
809-755-157 2 (53132) 608D PBX Switchboard — 608D Units

809-8 700 AND 800 SERIES PRIVATE BRANCH EXCHANGES AND CUSTOMER SWITCHING SYSTEMS

700 Series PBXs

Add 809-803-151 1
809-803-151 8 (53831) 701B and 711B PBXs

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Add	809.803.153	1	
	809.803.153	7	(158837) Equipment Units for Optional Service Features for 701B PBXs
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	809.804.151	15	(132302) Selector and 20 Capacity Selector Shelves — No. 1, 350A and 702A PBX Offices (also numbered 814.401.151)
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	809.804.152	14	(132310) Selectors and 3- and 10-Capacity Selector Shelves — No. 1, 350A, 355A, 35E97 and 702A PBX Offices (also numbered 814.401.150)
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	809.804.153	13	(132311) Connectors and Connector Shelves — No. 1, 350A, 355A, 35E97 and 702A PBX Offices (also numbered 814.435.150)
	809.804.154	12	(132312) Miscellaneous Switches and Shelves — No. 1, 350A, 355A, 35E97 and 702A PBX Offices (also numbered 814.053.150)
	809.804.180	2	Performance Requirements — 702A PBX
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	809.815.150	6	(158826) 740B PBX — General Information
	809.815.155	3	(158816) 740AX PBX
	809.815.182	3	Performance Requirements — 740 Type PBX
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	809.819.150	4	(158819) 755A PBX Systems
	809.820.150	11	(158829) 756A PBX
	809.821.150	8	(158838) — 757A PBX
	809.822.150	5	(158839) 756A, 756B, and 756A/B PBXs — 4-Wire Lines
Add	809.822.152	1	
	809.822.152	4	(158845) — 758C
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	809.822.180	2	Performance Requirments — 758C PBX
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	809.875.152	2	PBX Systems — CSS 201/5 Description
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DIVISION 811 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — PRIVATE SERVICE SYSTEMS

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811-012-181 1 Performance Requirements — Dual Facility at Radio Site — Air Ground Voice Communication System

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-1 Automatic Message Accounting
-2 Automatic Number Identification Equipments
-3 Common Control and Touch-Tone Equipments (Register Trunk and Link, Outpulsing Controller, Converters, Decoders, and Translators)
-4 Selectors, Finders, Rotary Switches, and Connectors
-5 Trunk and Repeater Equipments
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814-005-152 3 (039225) - General Outline — Common Control Facilities — No. 1, 350A and 355A Offices

814-005-153 4 (038812) - General Outline — No. 356A Office

814-006-150 5 (038609) - Line Frame and Associated Equipment Units — No. 356A Office

814-007-150 9 (038801) - Equipment Frames and Units — No. 360A Office

Add 814-008-150 3
814-008-150 7 (039210) - Western Electric Company Equipment for Additions to 3SE92 Offices

814-009-150 2 (039209) - Modification Procedures for Line Load Control and Associated Traffic Load Indicating Devices — No. 1, 350A, 355A, 360A and 3SE97 Offices

814-011-170 2 7A Announcement System for Machine Intercept Service — Engineering Information

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814-013-150 3 (061420) - Modification of Primary and Secondary Line Switch Equipment to Reduce Double Plunging of Line Switches and Spark Protection Equipment for Primary and Secondary Master Switch Wipers

814-013-170 1 Extension of Subscriber Loop Ranges — Engineering Information

814-014-170 2 Intercall ce Trunk Ranges — Supervision and Pulsing Limits

814-020-180 4 Performance Requirements — No. 1, 350A, 355A, 356A and 360A Offices

814-020-181 2 Performance Requirements — Common Control Equipment

814-021-162 4 Detailed Inspection Procedures — Control Office and PBX Equipment

Miscellaneous Frames

Add 814-025-150 1
814-025-150 10 (032602) - Traffic Register Rack — No. 1 and 350A Offices

814-026-150 7 (033005) - Plugging Up Frame — Central "A" Switchboard Office

Miscellaneous Equipments

Add 814-050-151 7
814-050-151 15 (033017) - Miscellaneous Relay Rack Units — 9 by 23-Inch Mounting Plates

Add 814-050-152 1
814-050-152 8 (191104) - Relay Rack Equipment — For 13C, 15D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 815-075-152, 816-028-150, 816-081-151, and 819-080-150)

814-050-155 7 (391101) - Relay Rack Equipment — For 13C and 15D "A" Switchboards

814-052-150 10 (032307) - Repeater Units, Frames, and Shelves — No. 1, 350A, 355A, and 702A PBX Offices

814-053-150 12 (032312) - Miscellaneous Switches and Shelves — No. 1, 350A, 355A, 3SE97, and 702A PBX Offices (also numbered 809-804-154)

Add	814.034-150	1	
	814.034-150	2	(13501): Emergency Manual Equipment
	814.035-150	3	(13920): Line Busy Recorder
	814.036-150	2	(13200): Permanent Signal Finder and Associated Units
Add	814.038-150	1	
	814.038-150	2	(13490): Trunk Group Usage Equipment — No. 1 and 350A Offices

814-1 AUTOMATIC MESSAGE ACCOUNTING

	814.100-150	2	(13921): General Outline — No. 1 Office
	814.100-151	4	(13922): General Outline — CAMA — Interoll Dialing Office
	814.100-170	3	General — Centralized Automatic Message Accounting — Interoll Dialing Office — Engineering Information
	814.100-180	6	Performance Requirements — No. 1 Office
	814.100-181	1	Performance Requirements — (CAMA) — Interoll Dialing Office
Add	814.105-150	1	
	814.105-150	3	(13790): Sender Frames (AMA) — No. 1 Office
	814.105-151	4	(13791): Sender Frame — Supplementary Connector Bay For Modified Automatic Ticketing Sender Frames — No. 1 Office
	814.105-152	9	(13820): Sender Trunk Connector Frame — No. 1 Office
	814.105-153	4	(13820): Trunk Finder-Sender Trunk Connector Frame — And Supplementary Sender Trunk Connector Frame — No. 1 Office
Add	814.105-154	1	
	814.105-154	2	(13210): Sender Transverter Connector Frame — No. 1 Office
	814.105-155	6	(13890): Sender Frame and Multifrequency Receiver Frame — (CAMA) — Interoll Dialing Office
	814.106-150	5	(13890): Decoder Frame, Route Relay Frame and Foreign Area Translator Frame — (CAMA) — Interoll Dialing Office
Add	814.106-151	2	
	814.106-151	5	(13930): PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification
Add	814.106-152	1	
	814.106-152	2	(13891): Pretranslator and Pretranslator Connector Frame — (CAMA) — Interoll Dialing Office
Add	814.107-150	1	
	814.107-150	3	(13240): Transverter Frame — No. 1 Office
Add	814.107-151	1	
	814.107-151	3	(13890): Transverter Frame — (CAMA) — Interoll Dialing Office
Add	814.108-150	3	
	814.108-150	4	(13881): Identifier Frame and Associated Translator — Dynamic Overload Control Units — No. 1 Office
Add	814.108-151	1	
	814.108-151	2	(13870): Identifier Trunk Connector Frame — No. 1 Office
Add	814.109-150	1	
	814.109-150	5	(13780): Timed-and-Number Timed — No. 1 Office
Add	814.110-150	1	
	814.110-150	5	(13780): Common Number and Cord Frame — No. 1 Office
	814.111-150	4	(13820): Code Connector Frames — No. 1 Office
Add	814.111-150	1	
	814.112-150	6	(13890): Connector and Position Link Frames — (CAMA) — Interoll Dialing Office
Add	814.113-150	1	
	814.113-150	3	(13891): Call Identity Between Frames and Units — CAMA — Interoll Dialing Office
Add	814.113-151	2	
	814.113-151	10	(13921): Call Identity between Frames and Units — Paper and Magnetic Tape Recording — No. 1 No. 5 and Crossbar Tandem — No. 4 Type Toll Switching.
Add	814.114-150	1	
	814.114-150	3	(13890): Incoming Register and Link Frames — (CAMA) — Interoll Dialing Office
Add	814.115-150	3	
	814.115-150	4	(13890): Recorder Frame — (CAMA) — Interoll Dialing Office
Add	814.115-151	1	
	814.115-151	12	(13962): Recorder Frames — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step By Step Systems (also numbered 816.108-150, 817.120-150, 818.108-150, and 819.114-150)
	814.116-150	12	(13956): Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching (also numbered 815.107-150, 817.121-150, 818.111-150, and 819.115-150)
Add	814.117-150	2	
	814.117-150	3	(13890): Master Timing Frame — (CAMA) — Interoll Dialing Office
Add	814.117-151	2	
	814.117-151	11	(13945): Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 816.106-150, 817.105-150, 818.112-150, and 819.120-150)
Add	814.118-150	2	
	814.118-150	8	(13950): CAMA Switchboard (also numbered 817.101-150, 818.102-150, and 819.101-150)
	814.119-150	3	(13881): Outpulser and Outpulser Identifier — Connector Frames — (AMA) — No. 1 Office

Add	814-130-150	2	
	814-130-150	3	(38910) Miscellaneous Relay Rack Units — CAMA — Intercall Dialing Offices

814-2 AUTOMATIC NUMBER IDENTIFICATION EQUIPMENTS

	814-200-180	4	Performance Requirements — Automatic Number Identification — Type B
	814-200-181	1	Performance Requirements — Type C — No. 1 3SXA, 3SSA, and 3SE97 Offices
	814-201-150	A	(38100) Identifier Frame — Type B — No. 1 Crossbar, Panel and Step by Step Systems (also numbered 815-300-150 and 816-201-150)
	814-202-150	8	(38104) Number Network, "6" Number Network and Miscellaneous Number Network Frames — Type B — No. 1 Crossbar, Panel and Step by Step Systems (also numbered 815-202-150 and 816-202-150)
Add	814-203-150	3	
	814-203-150	7	(38941) Number Network and Identifier Frames — Type C — No. 1, 3SXA, 3SSA, and 3SE97 Offices
	814-204-150	9	(38107) Originator Frame — Type B — No. 1 Crossbar, Panel and Step by Step Systems (also numbered 815-201-150 and 816-204-150)
Add	814-204-151	5	
	814-204-151	5	(38942) Originator and Test Frames — Type C — No. 1, 3SXA, 3SSA, and 3SE97 Offices
	814-205-150	5	(38950) Line Verification and Miscellaneous Relay Rack Equipment — Type B
	814-206-150	3	(38950) Type D — No. 1 3SXA, 3SSA, or 3SE97 Offices
	814-207-150	1	(38951) Type E — No. 1 Step by Step With AMA

814-3 COMMON CONTROL AND TOUCH-TONE EQUIPMENTS (REGISTER TRUNK AND LINK, OUTPULSING CONTROLLER, CONVERTERS, DECODERS, AND TRANSLATORS)

	814-300-150	8	(38934) Register Trunk and Link Frames — Common Control
	814-310-150	5	(38921) Originating Register and Outpulsing Controller Frame — Common Control
	814-320-150	7	(33024) Converter Frame
	814-321-150	2	(38922) Touch Tone Converter Frame — Common Control
	814-322-150	1	(38936) Converter and Link Frame — Touch Tone Type D
	814-322-151	1	(38937) Converter and Link Frame Touch Tone Type F
Add	814-330-150	1	
	814-330-150	4	(38925) Translator and Decoder Frame — Supplementary Decoder Frame — Decoder Route Relay Frame and Foreign Area Translator Frame — Common Control
Add	814-330-151	1	
	814-330-151	2	(38924) Translator and Decoder Connector Frames — Common Control

814-4 SELECTORS, FINDERS, ROTARY SWITCHES, AND CONNECTORS

Selectors

	814-400-150	A	(38913) Hunting of Trunks from Selector (ex-4A)
	814-400-151	1	Line Marking Selectors — Incoming Intertoll
Add	814-401-150	4	
	814-401-150	14	(38231) Nonmarking 2 and 10 Capacity Selector Shelves — No. 1, 3460, 3SSA, 3SE97 and 1004 PBX Offices (also numbered 809-804-150)
Add	814-401-151	V	
	814-401-151	15	(32908) Nonmarking 20 Capacity Selector Shelves — No. 1 3SXA (ex 1-92A PBX Offices (also numbered 809-804-151)
	814-402-150	9	(38816) Selector Repeaters — 10 and 20 Capacity Selector Repeater Shelves

Finders

	814-410-170	1	200-Point Line Finder and Trunk Finder Equipment — No. 1, 3SXA, 3SSA and 3SE97 Offices — Expansion Equipment
Add	814-411-150	8	
	814-411-150	10	(32004) 100 and 200-Point Line Finders — 10-, 16-, and 20 Capacity Line Finder Shelves — Control and Terminal Frames — No. 3SSA Offices
	814-412-150	12	(32001) 200-Point Line Finders — 10-, 20- and 30 Capacity Line Finder Shelves — No. 1 and 3SSA Offices
Add	814-413-150	7	
	814-413-150	8	(32007) 200-Point Line Finders — 20- and 30 Capacity Line Finder Shelves — No. 1 3SSA, 3SSA, and 3SE97 Offices
Add	814-414-150	2	
	814-414-150	10	(32150) Trunk and Converter Finders and 10 Capacity Finder Shelves — No. 1, 3SSA, 3SSA and Intertoll Dialing Offices
	814-415-150	11	(32008) Trunk Finders, Switch Frame, Intercepting Trunk, and 4-, 6-, 10-, 16- and 20-Capacity Finder Shelves
Add	814-415-151	1	
	814-415-151	6	(32008) Trunk Finders — Switch Frames, Intercepting Trunks and 20 Capacity Trunk Finder Shelves

Rotary Switches

	814-425-150	7	(33020) Subscriber Rotary Line Switch and 22 Point Line or Trunk Finder — Relay Rack Units
	814-426-150	12	(33001) 3- or 4-Wire Rotary Out Trunk Switch Units — No. 1, 3SXA, 3SSA, and 3SE97 Offices

Add 814-427-150 1
814-427-150 5 (J33010) - 5 Wire Rotary Out Trunk Switch Units — No. 1 Office With AMA

Connectors

Add 814-435-150 1
814-435-150 13 (J32311) - Connectors and Connector Shelves — No. 1, 350A, 355A, and 35E97, and 702A PBX Offices (also numbered 809-804-153)

814-5 TRUNK AND REPEATER EQUIPMENTS

Trunk Equipment

814-501-150 5 (J38901) - Incoming Trunk Frame — Intertoll Dialing Office — (CAMA)

Add 814-505-150 2
814-505-150 5 (J33902) - Outgoing Trunk Frame — (AMA) — No. 1 Office

814-506-150 7 (J38923) - Outgoing Trunk Frames — (ANI — Type B and C and Non-CAMA) — Common Control

Add 814-507-150 1
814-507-150 8 (J38943) - Trunk Frames (ANI-Type B and C)

814-507-151 10 (J95108) - Trunk Frames — Automatic Number Identification—Type B No. 1 Crossbar and Panel (also numbered 815-302-150 and 816-207-150)

814-508-150 1 (J33028) - Outgoing Trunk Frame — (OGT to No. 1 ESS in Same Building)

814-509-150 4 (J38815) - Outgoing Trunk and Outpulser Connector Frame — No. 1 Office With AMA

Add 814-510-150 1
814-510-150 2 (J33903) - Com Zone Outgoing Trunk Frame — (AMA) — No. 1 Office

814-510-151 4 (J99256) - Concentrating Frame — For Com Zone Trunk Units

Add 814-520-150 1
814-520-150 13 (J33013) - One-Way Interoffice Trunks — Relay Rack Units

814-521-150 7 (J33014) - 2-Way Interoffice Trunks — Relay Rack Units

814-522-150 6 (J61401) - Miscellaneous Intertoll Trunks and Associated Equipments — Relay Rack Units (also numbered 804-001-152)

814-523-151 12 (J33015) - Com and Message Register Trunks and Auxiliary Trunk and Line Circuit Units — Relay Rack Units — (2- by 23-Inch Mounting Plates)

814-524-150 10 (J33016) - Intercepting Trunks for Manual or Machine Intercepting

814-525-150 5 (J33025) - Converter Trunk Frame

814-526-150 1 (J33029) - Intercept Trunk Frame for AIS With ANI Type C or D — No. 1, 350A, 355A, or 35E97 Offices

Add 814-527-150 2
814-527-150 1 (J33030) - Local Directory Assistance Trunk Frames for 411 Services (ANI Type B, C and D) — No. 1, 350A, 355A or 35E97 Offices

814-528-150 1 (J33031) - Selector Trunk Frame for Busy Line Verification — No. 1 or 350A Office

Repeater Equipment

814-540-150 6 (J33019) - Repeaters, Pulse Correcting Repeaters and Incoming Trunks — Relay Rack Units

814-6 TEST AND ALARM EQUIPMENTS

Test Frames and Units

814-600-150 9 (J93403) - Trouble-Ticketer Frame — Automatic Number Identification-Type B (also numbered 815-408-150 and 816-206-150)

Add 814-601-150 1
814-601-150 3 (J34102) - Trouble Recorder Frame — (AMA) — No. 1 Office

814-602-150 8 (J38911) - Trouble Ticketer and Test Frame — (CAMA) — Intertoll Dialing Office

Add 814-602-151 1
814-602-151 4 (J38927) - Manual Test and Trouble Ticketer Frame — Common Control

Add 814-603-150 1
814-603-150 5 (J38929) - Automatic Test Frame — Common Control

Add 814-604-150 2
814-604-150 3 (J34302) - Automatic Trunk Test Frame — AMA — No. 1 Office

814-604-151 4 (J34304) - Automatic Outgoing Trunk Test Frame — No. 1 and 350A Offices

Add 814-605-150 1
814-605-150 5 (J34303) - Manual Outgoing Trunk Test Frame

814-606-150 5 (J33302) - Sender Identifier Transverter Test Frame and Line Verification Unit — (AMA) — No. 1 Office

814-607-150 10 (J93402) - Outpulser Identification Trunk Test Frames — Automatic Number Identification-Type B (also numbered 815-409-150 and 816-205-150)

814-608-150 5 (J33601) - Line Insulation Test Frame — No. 1 and 350A Offices

Add 814-609-150 1
814-609-150 2 (J34305) - Remote Office Test Line Equipment — No. 1, 350A, 355A, 360A, and 35E97 Offices

Add 814-609-151 1
814-609-151 2 (J34306) - Remote Office Test Line-2 Equipment — No. 1, 350A, 355A, 35E97 or Intertoll Dialing CAMA Office

814-609-152 4 (J34307) - Remote Office Test Line-3 — No. 1, 350A, 355A, 35E97 or Intertoll Dialing Office or 702B PBX Office

814-609-180 1 Performance Requirements for Expanded Remote Office Test Line (ROTL-2)

814-610-150 4 (J38935) - Trunk and Outpulser Test Frame (AMA) — No. 1 Office

Add	814-620-150	1	
	814-620-150	5	(J33021) Dial and Ringer Test Units — No. 1 and 350A Offices
Add	814-621-150	2	
	814-621-150	10	(J34709) Miscellaneous Test Line Units and Jack Equipments — No. 1, 350A, 360A, and 702A PBX Offices
	814-622-150	3	(J33018) Miscellaneous Test Units Associated With Local Test Desks No. 12C and 14 — Local Test Cabinet No. 3 and Repair Service Desk No. 2

Test Sets

	814-630-150	6	(J34728) Automatic Call Thru Test Set — (Box Type) — For Testing of Switch Trains (also numbered 809-259-150)
Add	814-631-150	1	
	814-631-150	3	(J34727) Test Set — (Box Type) — Common Control
	814-632-150	1	(J38913) CAMA Test Set — (Box Type) — Intertoll Dialing Office
	814-633-150	4	(J34701) Test Set — (Box Type) — 355A and 35E97 Offices
	814-634-150	4	(J33026) Converter Test Set — (Box Type)
	814-635-150	3	(J34715) Line Finder and Trunk Finder Test Set — (Box Type) — Individual, 2-Party Message and Flat Rate Lines
	814-635-151	4	(J34718) Line Finder and Trunk Finder Test Set — (Box Type) — Individual Message and Flat Rate Lines
	814-636-150	5	(J34721) Rapid Operation Line Finder and Outgoing Repeater Test Set — (Box Type)
	814-637-150	1	(J34730) Trunk Test Set For Testing Multifrequency Pulsing Non-CAMA Outgoing Trunk Arranged For Timed Disconnect — (Box Type) — Common Control
	814-637-151	6	(J94710) Trunk Test Set — (Box Type)
	814-638-150	8	(J34722) Connector, Selector and Trunk Test Set — Noncoin — (Box Type) — No. 355A, 356A, and 35E97 Offices
	814-638-151	5	(J94704) Line Finder, Selector, and Connector Test Set — (Box Type) — No. 350A and 360A Offices and 701A, 701B, 702A, 711A and 711B PBXs
	814-639-150	4	(J34719) Connector Test Set — (Box Type)
	814-640-150	3	(J34725) Register Test Set — (Box Type) — No. 1, 350A, 355A, and 356A Offices
	814-640-151	5	(J34706) Register Test Set — (Box Type)
	814-641-150	3	(J34717) Pulsing Test Set — (Box Type)
	814-641-151	4	(J34720) Pulse Repeating Test Set — (Box Type) — For Testing Repeater "A" Relays
	814-642-150	3	(J34726) Auxiliary Test Set — (Box Type) — For Testing B, C, and F Relays of Line Finders — No. 1 Office
	814-643-150	5	(J34724) Message Ticketer Test Set — (Box Type)
	814-644-150	1	(J34731) Trunk Test Set for ANI-Type D (Portable Box Type)
	814-644-151	1	(J34732) Local Directory Assistance Test Set (Portable Box Type) for Use With ANI Type B, C, or D
	814-644-152	1	(J34733) AIS Outgoing Trunk Test Set for ANI-Type C or D (Portable Box Type)
	814-645-150	1	(J34734) Converter Tests Set for TOUCH-TONE® Type E (Portable Box Type)

Alarm Equipments

Add	814-675-150	1	
	814-675-150	12	(J33034) No. 1 350A Dial Offices and 702A PBX Offices (also numbered 809-250-150)
	814-676-150	6	(J33022) Maintenance Alarm Bay and Alarm Equipments — No. 355A Offices
	814-676-151	2	(X61383) Office Alarm Equipment on Additional 11'-6" Frames to 9' Frame Offices on Which an Alarm Rack Is Installed

DIVISION 816 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — NO. 1 CROSSBAR SYSTEM

816-0 Indexes and General Information
1 Automatic Message Accounting Equipments
2 Automatic Number Identification Equipments
3 Connector and Marker Equipments
4 Junctor and Link Equipments
5 Sender and 6-Digit Translation Equipments
6 Test Equipment and Trouble Indicator Equipment
7 Trunk and Zone Equipments

816-0 INDEXES AND GENERAL INFORMATION

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General

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	816-007-181	4	Central Office Equipments — Performance Requirements
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	816-009-200	3	(J29254) Installation of Additions to Central Offices

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816 010 150 3 (J29245) Office Junctor Redistribution Procedures for the Installation of Additions to Central Offices

818 301 150 1 (J29256) Line Junctor Redistribution Procedures for the Installation of Additions to Central Offices

816 012 150 1 (J29252) Combined "A" and "B" Switchboard Equipment — Engineering Information

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816 016 150 5 (J20151) Limiting Resistance of Loads Between Frames and Units

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816 020 150 2 (J27058) Line Distributing Frame

816 021 150 2 (J27057) Message Register Distributing Frame

Add 816 022 150 1
816 022 150 7 (J22750) Office Interrupter Frame

Add 816 023 150 2
816 023 150 13 (J28351) Floor Aisle Frame for Use in Offices with No. 301C Power Plants

816 024 150 8 (J23051) Miscellaneous Frame Equipment

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816 025 150 4 (J27050) Message Register Rack Unit Type and Message Timing Frame

816 026 150 10 (J23052) Relay Rack Equipment

Add 816 027 150 1
816 027 150 11 (J23066) Auxiliary Relay Rack Mounted Equipment — Crossbar Tandem System (also numbered 817 041 150)

Add 816 028 150 1
816 028 150 8 (J91104) Relay Rack Equipment — For 13C, 13D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814 050 152, 815 075 152, 818 081 151, and 819 080 150)

816 028 151 7 (J91101) Relay Rack Equipment — For 15C and 15D "A" Switchboards

816 029 150 4 (J91103) 15D "A" Switchboard

Add 816 030 150 1
816 030 150 1 (J25151) — Multifrequency Pulsing — Receiver Frame

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816 040 150 6 (J25561) End Guards, Axle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings, and Print Display Boards

Add 816 042 150 1
816 042 150 3 (J21556) Number Checking Equipment

Add 816 045 150 1
816 045 150 5 (J27059) Traffic Register Equipment (Using 360 Capacity Traffic Register Cards)

Add 816 044 151 1
816 044 151 7 (J27054) Traffic Register Equipment (Using 480 Capacity Traffic Register Card)

816 045 150 4 (J99230) Modification Requirements for Line Load Control and Associated Traffic Load Indicating Devices

816 060 180 2 Inspection Requirements — Vertical Drive Shafts and Associated Apparatus

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Add 816 101 150 2
816 101 150 10 (J22151) Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching

Add 816 102 150 1
816 102 150 2 (J22450) Coding Line Register Frame

816 103 150 3 (J22150) District Group Connector Frame

816 104 150 3 (J22457) General — Operating and Equipment Frames

816 105 150 3 (J22455) Maintenance Recorder Frame

Add 816 106 150 2
816 106 150 11 (J22451) Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814 117 151, 817 105 150, 818 112 150, and 819 120 150)

816 107 150 12 (J22456) Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment (also numbered 814 116 150, 817 121 150, 818 111 150, and 819 115 150)

Add 816 108 150 1
816 108 150 12 (J22462) Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 814 115 151, 817 120 150, 818 108 150, and 819 114 150)

816 109 150 6 (J22460) Translator Frame

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816 109 151 5 (J99301) 88X AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification

816 110 150 3 (J22152) Transverter Connector Frame

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816-110-152 -6 (122452) Transverter Trunks Intercept Frame

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816-111-150 -1 (122476) AMA Frequency Test Verification Test Circuit Equipment Unit

816-2 AUTOMATIC NUMBER IDENTIFICATION EQUIPMENTS

816-200-180 -4 Performance Requirements — Type B

816-201-150 6 (195105) Identification Frame — Type B — No. 1 Crossbar, Panel and Step-by-Step Systems (also numbered 814-201-150 and 815-300-150)

816-202-150 5 (199230) Line Verification and Miscellaneous Relay Rack Equipment — Type B

816-203-150 8 (195109) Number Network "B" Number Network and Miscellaneous Number Network Frames — Type B — No. 1 Crossbar, Panel and Step-by-Step Systems (also numbered 814-202-150 and 815-303-150)

816-204-150 9 (195107) Outpulser Frame — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 814-204-150 and 815-301-150)

816-205-150 10 (193402) Outpulser Identifier Trunk Test Frames — Type B (also numbered 814-607-150 and 815-409-150)

815-206-150 9 (193403) Trouble Ticketer Frame — Type B (also numbered 814-600-150 and 815-406-150)

816-207-150 10 (195108) Trunk Frames — Type B (Also numbered 814-607-151 and 815-302-150)

816-3 CONNECTOR AND MARKER EQUIPMENTS

Connector Equipments

Add 816-300-150 1
816-300-150 5 (127851) Line Circuit Connector Frame and Line Junctor Connector Frame

Add 816-301-150 1
816-301-150 8 (127852) Number Group Connector Frame, Block Relay Frame and Relay Rack Mounted Direct Access Intercept Connector Equipment

Add 816-302-160 2
816-302-150 6 (128750) Originating Marker Connector Frame

816-303-150 4 (121453) Sender Test Connector Frame

816-304-150 6 (128850) Terminating Marker Connector Frames

Add 816-305-150 1
816-305-150 1 (128126) Outgoing Sender Connector Frame and Associated Equipment Units

Marker Equipments

Add 816-350-150 1
816-350-150 12 (128751) Originating Marker Frame

816-351-150 7 (128852) Terminating Marker Frame

816-4 JUNCTOR AND LINK EQUIPMENTS

Junctor Equipments

816-400-150 9 (127551) Direct or Auxiliary Direct Junctor Frame

816-401-150 5 (127553) Direct Junctor Grouping Frame

Add 816-402-150 1
816-402-150 4 (120197) Direct Junctor and Line Junctor Grouping Frames

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816-425-150 5 (199108) Auxiliary Sender Link Frame and Auxiliary Sender Link Extension Frame

816-426-150 5 (127952) District Link Frame

Add 816-427-150 1
816-427-150 6 (127955) Incoming Line and Incoming Extension Frames

Add 816-428-150 3
816-428-150 6 (121461) Keysending Sender Link Frame and Supervisory Link Frame

816-429-150 8 (127450) Line Link Frame

Add 816-430-150 1
816-430-150 6 (127650) Office Link and Office Extension Frames

816-431-150 10 (127560) Subscriber or Auxiliary Subscriber Sender Link Frame

816-432-150 7 (127750) Terminating Sender Link Frame

Add 816-433-150 1
816-433-150 1 (127557) Outgoing Sender Link Frame for Use With Line Link Pulsing

816-5 SENDER AND 6-DIGIT TRANSLATION EQUIPMENTS

Sender Equipments

Add 816-500-150 1
816-500-150 6 (199103) Auxiliary Sender Frame

816-500-170 2 Auxiliary Sender Equipment for Direct Distance Dialing — Engineering Information

816-500-180 1 Auxiliary Sender and Auxiliary Sender Link Circuit — Performance Requirements

816-502-150 14 (127951) Originating Sender Frame

Add 816-503-150 1
816-503-150 19 (127950) Sender Make Busy Frame

816-504-150 2 (128052) Sender and Pretrial Finder Frame for Use With a Central "B" Switchboard

Add 816-505-150 2
816-505-150 13 (128050) Terminating Sender Frame

816-506-150 3 (127977) Outgoing Sender Frame and Automatic Intercept Service Frame

6-Digit Translation Equipments

816-550-150 2 (195112) Translator Connector, and Route Grouping Frames

Add 816-551-150 1
816-551-150 3 (195111) Code Compressor and Connector Frames and Subscriber Sender Recycle Frame

Add 816-560-150 1
816-560-150 1 (122475) Line Link Pulsing Translator Frame

816-6 TEST EQUIPMENT AND TROUBLE INDICATOR EQUIPMENT

Test Equipments

816-600-150 13 (127553) District Junctor Test Frame

Add 816-601-150 2
816-601-150 12 (127753) Incoming Trunk Test Frame and Incoming Trunk Test Connector Frame (also numbered 817-701-150)

816-601-152 2 (124004) Recorder Frame

816-601-153 1 (128555) Remote Office Test Line — Crossbar Tandem and No. 1 Crossbar Switching System (also numbered 817-701-154)

Add 816-601-154 2
816-601-154 13 (167447) — Automatic Outgoing Intertoll Trunk Test and Connector Frames — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Teletypewriter — No. 4 Type Toll Switching Systems, Crossbar Tandem Switching System (also numbered 817-706-150 and 818-706-150)

Add 816-602-150 1
816-602-150 4 (123651) - Line Insulation Test Frame

Add 816-603-150 1
816-603-150 12 (127952) Originating Sender Test Frame

816-604-150 18 (128550) Outgoing Trunk Test Frame (also numbered 817-700-150)

816-605-150 7 (193005) Plugging Up Frame — Central "A" Switchboard Office

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816-606-150 11 (128051) Terminating Sender Test Frame

816-607-150 6 (121554) Zone Registration Test Frame

816-608-150 3 (124751) Incoming Trunk Test Set (Wagon Type)

816-609-150 1 (127060) Key Pulsing Set for Establishing Connections to Subscriber Lines by MF Key Operation

Add 816-610-150 1
816-610-150 4 (124750) Message Register Test Set (Box Type)

816-610-151 5 (134724) Message Ticketer Test Set — (Box Type)

816-611-150 3 (124758) Trunk Test Set — (AMA, ANI, Operator Assistance Special Toll Trunks — Coin or Special)

Add 816-612-150 1
816-612-150 2 (194721) Coin Zone Trunk Test Set — (Box Type)

Add 816-613-150 1
816-613-150 1 (122477) Direct Inward Dialing — Test Frame

Trouble Indicating Equipment

Add 816-620-150 2
816-620-150 5 (123251) Controller Trouble Indicator Frame

816-621-150 17 (128752) Originating Trouble Indicator Frame

816-622-150 13 (128854) Terminating Trouble Indicator Frame

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816-700-150 3 (127751) Incoming Trunk Frames for Use With 100-Trunk Capacity Incoming Link Frames

816-701-170 4 Permanent Signal Holding and Concentrating Arrangements — Engineering Information

Add 816-702-150 3
816-702-150 6 (128650) Regular, Auxiliary, and Supplementary Incoming Trunk Frames for Use With 160-Trunk Capacity Incoming Link Frames

816-703-150 1 (121557) Coin Supervisory — Concentrator and Trunk Equipment

816-720-150 4 (199256) Concentrating Frame — For Coin Zone Trunk Units

816-721-151 6 (199229) Dial Coin Zone Trunk Frame

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Add 817.041-150 1
817.041-150 11 (J23066) Auxiliary Relay Rack Mounted Equipment — (also numbered 816-027-150)

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817-043-150 3 (J28762) Group Busy Frame

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817.044-150 1 (J25151) Multifrequency Pulsing — Receiver Frame

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817.048-151 3 (J99324) Announcement Frame — No. 5A Announcement System

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817.060-150 6 (J25551) Fad Guards, Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings and Print Display Boards

817.062-150 4 (J92608) Sender Attachment Delay Equipment (also numbered 818.084-150)

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817.064-150 8 (J27059) Traffic Register Equipment Using 200 Capacity Traffic Register Cabinet

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817.064-151 9 (J27064) Traffic Register Equipment Using 400 Capacity Traffic Register Rack

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817.065-150 1 (J27061) Form to Punch Data Recorder Frame

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817.121-150 12 (J22456) Perforator Cabinet — Perforator and Reader Cabinet — Call Card Processor Control Register Equipment — Billing Data Terminal Jim Frame — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems (also numbered 814.116-150, 816.107-150, 818.111-150, and 819.115-150)

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817.203-150 5 (J28765) 10 Digit Incoming Register and Link Frames

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817-210-150 4 (127052) Office Junctor and Line Link Circuit Frames

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817-300-150 8 (127953) RF, MF, and DP Sender Frames

817-301-150 8 (127968) DP and MF Sender Frames

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817-301-151 8 (127968) Functional DP and MF Sender Units

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817-302-150 5 (127961) PCI Sender Frames

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817-510-150 1 (199269) Link and Connector Frames

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817-530-150 4 (199275) Relay-Rack Mounted Equipment Units

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817-540-150 3 (122156) Data Translator Frames

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817-701-150 12 (127751) Incoming Trunk Test Frame and Incoming Trunk Test Connector Frame (Also numbered 816-601-150)

817-701-152 2 (124504) Recorder Frames

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817-701-153 2 (123267) Recorder Analysis and Data Connector Frame, Processor and Interface Cabinets for Computerized Maintenance and Administration Support

817-701-154 1 (128555) Remote Office Test Line — Crossbar Tandem and No. 1 Crossbar Switching System (also numbered 816-601-153)

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817-702-150 3 (124050) Trunk Test Frame for Use With Remote Control Zone Registration Trunks

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817-705-150 10 (198501) Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also numbered 818-708-150 and 819-710-150)

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817-731-160 9 (J21850) Trunks Meter Rack Lamp

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818-007-153 2 (J69212) Modification Processors to Provide Increased Capacity Switches

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818-101-150 1 (J69210) CAMA Modification Procedures

Add 818-102-150 2
818-102-150 8 (J21350) CAMA Switchboard (also numbered 814-118-150, 817-101-150, and 819-101-150)

818-103-150 4 (J28053) Position Link Frame

Add 818-104-150 2
818-104-150 3 (J67454) CAMA Sender Link Frame

818-105-150 7 (J67458) CAMA Sender Frame

818-106-150 3 (J67463) Transverter Frame

Add 818-106-151 1
818-106-151 1 (J67464) Transverter Connector Frame

Add 818-107-150 1
818-107-150 1 (J67459) Trunk Class Translator and Supplementary Trunk Class Translator Frames

Add 818-108-150 1
818-108-150 12 (J22462) Recorder Frames — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 814-115-151, 816-108-150, 817-120-150, and 819-114-150)

Add 818-109-150 1
818-109-150 5 (J22464) Billing Indexer Frames (also numbered 817-106-150)

Add 818-110-150 2
818-110-150 10 (J22151) Coil Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem

818-111-150 12 (J22456) Perforator Cabinet — Perforator and Reader Cabinet — Coil Count Process Control Register Equipment (Also numbered 814-116-150, 816-107-150, 817-121-150, and 819-115-150)

Add 818-112-150 2
818-112-150 11 (J22451) Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 814-117-151, 816-106-150, 817-105-150, and 819-120-150)

818-113-150 2 (J67460) Trouble Recorder Connector Frame

818-114-150 3 (J19004) Computerized Recording — Automatic Message Accounting — CAMA-C — Crossbar Tandem (also numbered 817-102-150)

818-2 INCOMING LINK, OUTGOING LINK, AND JUNCTOR GROUPING EQUIPMENTS

Incoming and Outgoing Link Frames

Add 818-200-150 1
818-200-150 10 (J67437) Incoming Link Frame — Primary and Secondary Extension Frames

Add 818-200-151 1
818-200-151 3 (J67493) — Incoming Link Frame (Small Switches) — Junctor and Trunk Extension Frames.

Add 818-201-150 1
818-201-150 6 (J67438) Outgoing Link Frame — Primary and Secondary Extension Frames

818-201-151 4 (J67494) Outgoing Link Frame (Small Switch) — Junctor and Trunk Extension Frames

Junctor Grouping Frames

Add 818-210-150 1
818-210-150 3 (J67409) Junctor Grouping Frames

818-3 SENDER, REGISTER, OUTPULSER, SENDER LINK, REGISTER LINK, OUTPULSER LINK, AND LINK CONTROLLER EQUIPMENTS

Sender and Outpulsing Equipments

	818-300-150	8	(J67430) Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4A Office
	818-301-150	6	(J67452) Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4M Office
	818-302-150	8	(J67431) Incoming DP and MF Sender Equipment Subunit
	818-303-150	7	(J67468) Incoming MF Sender Frame — No. 4A Office
Add	818-304-150	1	
	818-304-150	5	(J67467) Overseas Sender Frame
	818-305-150	7	(J67413) Outgoing Sender Frames — REV, PCI 5XS and CA Sender Equipment Units

Sender Link, Register Link, Outpulser Link, Link Controller Equipments

Add	818-330-150	2	
	818-330-150	8	(J67402) Incoming and Outgoing Sender Link Frames
Add	818-331-150	1	
	818-331-150	13	(J67407) Link Controller and Connector and Supplementary Link Controller Frames
Add	818-334-151	1	
	818-334-151	1	(J67501) Outpulser Link Controller Frame
Add	818-335-151	1	
	818-335-151	1	(J67499) Outpulser Link Frame

Incoming Register Equipments

	818-340-150	5	(J67457) Incoming Register and Link Frame

818-4 DECODER, TRANSLATOR, MARKER, AND BLOCK RELAY EQUIPMENTS

Decoder Equipments

Add	818-400-150	2	
	818-400-150	9	(J67439) Decoder Frame
Add	818-401-150	1	
	818-401-150	10	(J67449) Decoder Connector Frame and Supplementary Decoder Connector Frame

Translator Equipments

Add	818-420-150	1	
	818-420-150	8	(J67442) Card Translator Equipment
Add	818-421-150	1	
	818-421-150	7	(J67443) Foreign Translator Connector Frame and Emergency Translator Connector Frame
Add	818-422-150	1	
	818-422-150	1	(J67469) Pretranslator Frame
	818-425-150	2	(J67471) Decoder Channel Frame
Add	818-425-151	1	
	818-425-151	2	(J67472) Peripheral Scanner Frame
	818-425-152	3	(J67473) Distributor Register Frame
	818-425-153	2	(J67474) Alarm and Display Frame
	818-425-154	4	(J67475) Power Distributing Frame and Miscellaneous Power Distributing Units
	818-425-155	1	(J67476) Peripheral Function Translator Unit — Electronic Translator System
	818-425-156	3	(J67479) Teletypewriter Buffer Frame
	818-425-161	3	(J67504) Common Channel Interoffice Signaling — Terminal Group — No. 4A Toll Switching System or Traffic Service Position System No. 1 or 1B
	818-425-163	1	(J67511) Distributor and Scanner Frame
	818-425-164	2	(J67514) Common Channel Interoffice Signaling Voice Frequency Link Access Frame — No. 4A Toll Switching System or Traffic Service Position System No. 1 or 1B

Marker Equipments

Add	818-450-150	1	
	818-450-150	12	(J67440) Marker Frame
Add	818-451-150	2	
	818-451-150	7	(J67446) Marker Connector Frames

Block Relay Equipment

Add	818-480-150	1	
	818-480-150	6	(J67408) Block Relay Frame

818-6 TRUNK AND TRUNK ASSIGNMENT EQUIPMENTS

Trunk Equipments

	818-600-150	5	(J69211) Trunk Tables — Listing Trunk Assignment Units, Features, and Options
	818-601-150	8	(J67466) Trunk Frames for Miscellaneous Relay Plug In Units
	818-602-150	15	(J61561) Interoffice Trunks — Relay Rack Mounted Trunk Frame Mounted, and Plug In Units
	818-603-150	15	(J61562) Incoming Toll Connecting Trunks — Relay Rack Mounted Units
	818-604-150	14	(J61563) Outgoing Toll Connecting Trunks — Relay Rack Mounted and Plug In Units

Trunk Assignment Equipments

	818-630-151	2	(J67438) Trunk Assignment Distributing Frame
	818-631-150	3	(J67421) Trunk Assignment Patch Bay

818-7 TEST, MAINTENANCE, AND ALARM EQUIPMENTS

Test Frames

	818-701-150	9	(J67443) Trouble Recorder Frame
Add	818-702-160	1	
	818-702-160	3	(J67462) Incoming Sender and Register Test Frame
	818-702-161	1	(J67508) Outpulser Link Controller Test Frame
	818-702-150	3	(J67438) Outgoing Sender Test Frames — No. 4A Office

818-704-150 5 (167417) Sender Test Connector Frame — No. 4M Office

818-705-150 12 (167418) Automatic Outgoing Toll Connecting Trunk — Operational and Translation Test Frames — Supplementary AOTT Frame Outgoing Toll Connecting Trunk Test Connector Frame

Add 818-706-151 2
818-706-151 13 (167447) Automatic Outgoing Intertoll Trunk Test and Connector Frame — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Model 28 Type Teletypewriter — No. 4 Type Toll Switching Systems, Crossbar Tandem Switching System (also numbered 816-601-154 and 817-705-150)

Add 818-706-191 1
818-706-191 4 (167478) Automatically Directed Outgoing Intertoll Trunk Test Frame, Automatically Directed Outgoing Intertoll Trunk Test Connector Frame and Card Reader Console

Add 818-706-192 1
818-706-192 1 (167513) Outgoing Trunk Test Connector Frame

818-706-193 1 (167518) AT&T 2/Foreign Exchange Routine — Evaluation Testing System Interface Frame

818-707-150 4 (167861) Automatic Incoming Trunk Test and Connector Frames (CAMA)

818-707-151 2 (167519) Signaling Analyzer Connector Frame

Add 818-708-150 7
818-708-150 10 (198501) Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also renumbered 817-705-150 and 819-710-150)

818-708-151 4 (167496) Manual Test Frame — Test and Make Busy Jack Frame

818-709-151 2 (167515) CCIS Intercoffice Trunk Test Frame

818-709-152 1 (167521) Common Channel Interoffice Signaling — Voice Frequency Link Test Frame

Test Sets

818-740-150 6 (163525) Incoming, Outgoing and Intertoll Trunk Test Set (Wilgon Type) and Associated Relay Rack Equipment

818-741-150 4 (164727) Frame Identification Frequency Supply Test Set (Box Type)

818-742-150 3 (167453) Translator Test Set and Associated Equipment

818-743-150 1 (167477) Trunk Test Set (Portable Plug-In Type) for MF Pulsing, E & M Lead Supervision Toll Switching Trunks

Maintenance Equipments

Add 818-760-150 2
818-760-150 3 (167427) Trouble Tracing Step-By-Step Selector Frame for Use With Intertoll Trunk Concentrator

Add 818-761-150 2
818-761-150 7 (167435) Sender Make-Busy Frame and Associated Sender Make-Busy Frame — No. 4A Office

818-761-151 4 (167516) Register Make-Busy Frame — No. 4M Office

Alarm Equipments

Add 818-780-150 7
818-780-150 5 (167441) Fuse Alarm Frame

818-780-151 7 (167423) Fuse Alarm Frame

DIVISION 819 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — NO. 3, NO. 5, AND NO. 5A CROSSBAR SYSTEMS

819-0 Indexes, General Information, and Miscellaneous Equipments
- .1 Automatic Message Accounting Equipments
- .2 Link and Junctor Grouping Equipments
- .3 Marker, Connector, and Number Group Equipments
- .4 Register, Sender, and Translator Equipments
- .6 Trunk Equipments
- .7 Test and Alarm Equipments
- .9 No. 3 and 5A Crossbar

819-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

Indexes

◆ 819-000-000 43 Numerical Index — Division 819 — Equipment Design and General Equipment Requirements and Engineering Information — No. 3, No. 5, and No. 5A Crossbar Systems

General

Add 819-005-150 1
819-005-150 13 (129259) General Outline — Operating and Equipment Features — Basic No. 5 Crossbar Office

819-005-151 4 (129274) General Outline — Automatic Call Distributor — Operating and Equipment Features

819-005-152 3 (129276) General Outline — Operating and Equipment Features — Additional Customer Services

Add 819-005-153 1
819-005-153 1 (129278) — General Outline — Operating and Equipment Features — Billing Arrangements

819-005-154 3 (129279) General Outline — Operating and Equipment Features — No. 5 Electronic Translation System

819-050-170 1 Central Office Engineering — General Features and Arrangements — Engineering Information

◆ 819-006-171 1 Arrangements for Meeting Numbering Plan Requirements for Local Area, Intercept, and Intertoll Switching — Engineering Information

819-006-172 1 Tandem and Intertoll Switching Features — Engineering Information

819-006-173 1 Division of Directory Numbers — Terminating Office Considerations — Office A — Office B — Physical and Theoretical Arrangements — Engineering Information

819-006-174 2 7A Announcement System for Machine Intercept Service — Engineering Information

819-010-180 6 Performance Requirements

819-011-180 3 Detailed Inspection Procedures — Central Office Equipment

819-012-170 4 Permanent Signal Homing and Concentrating Arrangements — Engineering Information

Cabling and Wiring

819-020-150 3 (129262) Index of Equipment Cross-Connections

819-021-170 2 Range Limits — Customer Lines and Intercoffice Trunking — Engineering Information

Add 819-022-150 1
819-022-150 7 (120155) Limiting Conductor Lengths Between Frames and Units—No. 5 ACD System

Miscellaneous Frames

Add 819-050-150 1
819-050-150 3 (129975) 4-Wire Conference Controller Frame

Add 819-050-151 1
819-050-151 3 (126775) Access Group Controller Unit, Called Number Detector Unit, Trial Group Traffic Sample Frames and Units

819-051-150 2 (128758) PBX Attdtm Frames and Associated Equipment Units

819-052-150 1 (123068) Call Limiter Concentrator Frame

819-053-150 2 (127455) Line Concentrator No. 2A Control Frame

819-053-160 1 Performance Requirements — Line Concentrator No. 2A

Add 819-054-150 1
819-054-150 4 (127854) Transfer Line Identifier Frame — Transfer Supplementary Line Identifier Frame

819-054-151 2 (127978) Trunk Sender Trunk Identifier — Frame and Units

819-055-150 3 (129150) MF Current Supply Frame and MF Test Current Supply Frame

Add 819-056-150 1
819-056-150 3 (127055) Power Ringing and Tone Distributing Frame and No. Sixth Number Tone Supply Equipment Units

819-056-153 2 (129272) Power Ringing and Tone Distributing Frame and No. Sixth Number Tone Supply Equipment Units

Add 819-057-150 1
819-057-150 6 (127856) Message Register and Message Timing Frames and Associated Equipment Units

Add 819-058-150 1
819-058-150 10 (128436) Toll Register Frame and Associated Equipment Units

819-059-150 7 (123005) Plugging Up Frame — Central Switchboard Office

Add 819-060-150 1
819-060-150 8 (122752) Office Intercept Trunk — 20, 60 and 120 PPM

819-062-150 1 (127460) Electronic Frames and Units

Miscellaneous Equipments

Add 819-080-150 1
819-080-150 8 (121104) Relay Rack Equipment — For 13C, 13D, 15C and 15D Switchboards — No. 1 and No. 5 Crossbar Panels, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-050-152, 815-075-152, 816-028-160 and 818-081-151)

819-083-150 15 (161564) Miscellaneous Relay Rack Mounted Units — No. 4 Type Toll Switching and No. 5 Crossbar Systems (also numbered 818-081-150)

819-1 AUTOMATIC MESSAGE ACCOUNTING EQUIPMENTS

819-100-170 1 Centralized Automatic Message Accounting — General — Engineering Information

Add 819-101-150 2
819-101-150 8 (121350) – CAMA Switchboard (also Numbered 814-118-150, 817-101-150 and 818-102-150)

819-102-150 3 (122470) CAMA Position Link Frame

819-103-160 3 (122468) CAMA Sender and MF Receiver Frames

Add 819-104-150 2
819-104-150 11 (122469) LAMA, CAMA, and ANI Transmitter Frames and Relay Rack Mounted Units

Add 819-104-151 1
819-104-151 6 (127153) LAMA, CAMA, and ANI Transmitter Connector Frames

819-105-150 3 (122471) Translator Frame

819-105-151 6 (127440) Translator Frames

Add 819-106-150 2
819-106-150 5 (129301) PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification

Add 819-107-150 9
819-107-150 10 (122151) Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching

819-108-150 4 (122469) CAMA Billing Indexer Frame

Add 819-113-150 1
819-113-150 12 (122462) Recorder Frames — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-113-151, 816-108-150, 817-120-150 and 818-108-150)

819-114-152 2 (128239) Trunk Control Frames — For Magnetic Tape Recorders

	819-115-150	12	(J27456) Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems (also numbered 814-116-150, 816-107-150, 817-121-150, and 818-111-150)
	819-115-151	1	(J22478) AMA-MTR Modification Procedures
Add	819-115-152	1	
	819-115-152	1	(J94737) Recorder and Recorder Control Frame — For Magnetic Tape Recording
Add	819-120-150	2	
	819-120-150	11	(J22453) Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (814-117-151, 816-106-150, 817-105-150, and 818-112-150)
	819-121-150	2	(J23652) Line Observing Number Matching Frame

819-2 LINK AND JUNCTOR GROUPING EQUIPMENTS

Link Equipments

	819-200-150	11	(J27451) Line Link Frames (2-Wire) (A&M Only) and Automatic Call Distribution Line Link Frames
Add	819-200-151	1	
	819-200-151	2	(J27454) Four-Wire Line Link Frames
	819-200-152	2	(J27458) Line Link Frames (2-Wire) — Auxiliary Line Link Frame (2-Wire) — Using Small Crossbar Switches — Line Class of Service Frame
	819-200-153	2	(J27459) Wideband Link Frames and Units
Add	819-200-154	1	
	819-200-154	1	(J27462) Bit-Stream Link Frames and Bit Stream Test Line Distributor Units
	819-201-150	8	(J27554) Trunk Link Frames
Add	819-201-151	7	
	819-201-151	2	(J27556) Four-Wire Trunk Link Frames
Add	819-201-152	1	
	819-201-152	1	(J27557) Trunk Link Frame — Auxiliary Trunk Link Frame Using Small Crossbar Switches
Add	819-202-150	1	
	819-202-150	10	(J29051) Incoming Register Link, Coin Supervisory Link and Outgoing Sender Link Frames
Add	819-202-150	1	
	819-203-150	2	(J29055) Transfer Line Link — Transfer Register Link and Transfer Trunk Link Frames
Add	819-204-150	1	
	819-204-150	1	(J29054) Centrex Position Link Frame
	819-205-150	1	(J27457) Range Extender Frame for Ungauge Cabling
	819-206-150	1	(J27461) Call-Waiting Link Frames

Junctor Grouping Equipments

	819-220-150	6	(J27651) Junctor Grouping Frames and Junctor Distribution Procedures

819-3 MARKER, CONNECTOR, AND NUMBER GROUP EQUIPMENTS

Marker Equipments

Add	819-300-150	1	
	819-300-150	9	(J28754) Marker Frames
Add	819-300-151	2	
	819-300-151	10	(J28755) Marker Units
Add	819-301-150	1	
	819-301-150	16	(J28760) Completing Marker Frames
Add	819-301-151	1	
	819-301-151	5	(J28776) Automatic Call Distribution Marker Frames
	819-302-150	9	(J28759) Dial Tone Marker Frames and Originating Line Identifier Unit
	819-303-150	2	(J28779) Wideband Remote Switch Signal Control Frames — Wideband/Bit-Stream Line Control Frame

Connector Equipments

	819-310-150	7	(J28151) Connector Frames
Add	819-310-151	4	
	819-310-151	4	(J28152) Connector Equipment Units
Add	819-311-150	2	
	819-311-150	8	(J28154) Connector Frames
	819-311-151	8	(J28155) Connector Units
	819-312-150	8	(J28153) Master Test Connector Frames and Units
	819-312-151	5	(J28157) Master Test Connector Frames and Units
	819-313-150	1	(J28774) Four-Wire Trunk Group Connector, Link and Trunk Preemption Grouping Frames and Associated Equipment Units

Number Group Equipments

Add	819-320-150	2	
	819-320-150	9	(J27853) Number Group Frame

819-4 REGISTER, SENDER, AND TRANSLATOR EQUIPMENTS

Register and Sender Equipments

	819-401-150	11	(J27954) Originating and Incoming Register Frames and Outgoing and Intermarker Group Sender Frames
Add	819-401-151	2	
	819-401-151	8	(J27956) Register Equipment Units for Originating and Incoming Registers and Outgoing and Intermarker Group Senders
Add	819-401-152	4	
	819-401-152	9	(J27958) Control Equipment Units for Originating and Incoming Registers and Outgoing Intermarker Group Senders
Add	819-401-153	1	
	819-401-153	4	(J27955) Pulse Counting Equipment Units for Originating and Incoming Registers

Add	819-401-154	2	
	819-401-154	5	(J27957) Timing Equipment Units for Originating and Incoming Registers
Add	819-401-155	1	
	819-401-155	3	(J27959) Com and 2-Party Test Equipment Units for Originating Registers
	819-401-156	4	(J27960) Pulse Control Equipment Units for Outgoing Senders
Add	819-403-150	2	
	819-403-150	8	(J27962) Originating Register Frame and "TOUCH-TONE®" Receiver and Control Frame
Add	819-404-150	2	
	819-404-150	5	(J27971) Four-Wire Originating Register Frame
	819-405-150	4	(J27967) Originating Register Line Memory Frame
	819-406-150	2	(J29275) Automatic Call Distributor — Digit Register Frame
Add	819-410-150	1	
	819-410-150	7	(J27963) - Incoming Register Frames and Transfer Register Frames and Multifrequency Pulsing Receiver Frame
Add	819-411-150	1	
	819-411-150	3	(J27972) - Four-Wire Incoming MF Register Frame
Add	819-412-150	1	
	819-412-150	4	(J27976) Trunk Test Register Frames
Add	819-420-150	2	
	819-420-150	7	(J27964) Outgoing Sender Frames
	819-421-150	4	(J27973) Four-Wire Outgoing MF and DP Sender Frames

Translator Equipments

819-430-150	5	(J28756) Pretranslator, 1000 Pretranslator, and IR Pretranslator Frames
819-431-150	4	(J28757) Foreign Area Translator and Connector Frames

819-6 TRUNK EQUIPMENTS

819-600-150	20	(J29261) General Information and Index Section for Trunk Table — Listing Trunk Equipment Units — Functions, Features and Options
819-600-151	6	(J29261) - Trunk Table A — Intercept and Reverting Call Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-600-152	5	(J29261) - Trunk Table B — Trunks Incoming to No. 5 Equipment — Except Intertoll and Maintenance — Listing Trunk Equipment Units — Functions, Features, and Options
819-600-153	7	(J29261) - Trunk Table C — Outgoing Toll Selector and PPCS Trunks — Except Intertoll — Listing Trunk Equipment Units — Functions, Features and Options
819-600-154	7	(J29261) — Trunk Table D — Outgoing Trunks to Switchboards and Desks — Except Intertoll and Maintenance — Listing Trunk Equipment Units — Functions, Features and Options
819-600-155	5	(J29261) — Trunk Table E — Trunks for Miscellaneous Purposes — Listing Trunk Equipment Units — Functions, Features and Options
819-600-156	7	(J29261) — Trunk Table F — Line Link Frame Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-600-157	7	(J29261) - Trunk Table G — Listing Trunk Equipment Units — Functions, Features and Options
819-600-158	1	(J29261) - Trunk Table H Marker Pulse Conversion Trunks — Except Intertoll — Listing Trunk Equipment Units Functions, Features and Options
819-600-159	3	(J29261) - Trunk Table I Intermarker Group and Intertoll Trunks — Listing Trunk Equipment Units Functions, Features, and Options
819-600-160	6	(J29261) - Trunk Table K — Intertoll Trunks — Listing Trunk Equipment Units — Functions, Features, and Options
819-600-161	3	(J29261) - Trunk Table L Combination Toll Switching With Outgoing and Tandem Completing — Listing Trunk Equipment Units Functions, Features and Options
819-600-162	5	(J29261) - Trunk Table M — 2-Way Trunks — Except Intertoll — Listing Trunk Equipment Units Functions, Features, and Options
819-600-163	3	(J29261) - Trunk Table N Office Trunks for Toll Centers — Listing Trunk Equipment Units — Functions, Features and Options
819-600-164	2	(J29261) - Trunk Table P CAMA Trunks and Units — Listing Trunk Equipment Units Functions, Features and Options
819-600-165	5	(J29261) - Trunk Table R — Com Zone Outgoing Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-600-166	6	(J29261) - Trunk Table S — Customer Special Service Units — Listing Trunk Equipment Units — Functions, Features and Options
819-600-167	2	(J29261) - Trunk Table T Wideband and Associated Audio Trunks — Including Maintenance and Test — Listing Trunk Equipment Units Functions, Features and Options
819-600-168	5	(J29261) - Trunk Table U — Automatic Call Distributor — Lines, Trunks, and Miscellaneous Units — Listing Trunk Equipment Units — Functions, Features and Options
819-601-150	8	(J28864) - Relay Rack Frames for Trunks and Miscellaneous Equipments
819-602-150	13	(J28062) - Incoming Trunks — Equipment Units
819-603-150	11	(J28061) - Intertoll Trunks — Equipment Units
Add	819-604-150	2	
	819-604-150	6	(J28065) - Intermarker Group and Intertoll Trunks — Equipment Units
819-605-150	13	(J28956) - Trunks and Lines Equipment Units — Associated With Line Link Frames

Add	819-606-150	1		
	819-606-150	8	(123063)	Two-Way Trunks — Equipment Units
	819-607-150	15	(123065)	Outgoing Trunks Equipment Units — Associated With Senders
	819-608-150	13	(123057)	Outgoing Trunks Equipment Units — Not Associated With Senders
	819-609-150	13	(123058)	Service Trunks and Miscellaneous Relay Rack Equipment Units
	819-610-150	3	(123067)	CAMA Trunks and Miscellaneous Equipment Units
	819-611-150	8	(123069)	Centrex Trunks and Miscellaneous Equipment Units
Add	819-612-150	1		
	819-612-150	8	(123059)	Tie Trunk Equipment Units — Manual Common Relay Rack Mounted
Add	819-613-150	1		
	819-613-150	2	(123071)	Wideband Associated Audio and Maintenance Trunks and Associated Frames

819-7 TEST AND ALARM EQUIPMENTS

Test Frames

819-700-150	18	(123252)	Master Test Frame
819-700-151	5	(123261)	Plant Register Cabinets
819-701-150	14	(123253)	Automatic Monitor, Register and Sender Test Equipment Units Mounted on Automatic Monitor, Register, and Sender Test Bays — Master Test Frame
819-702-150	15	(123255)	Master Test Control Circuit Units — Master Test Frame
819-703-150	16	(123256)	Trunk Test Equipment Units Associated With the Master Test Frame
Add 819-704-150	2		
819-704-150	6	(123258)	Register and CAMA Sender Test Equipment Units Mounted on Control Bays — Master Test Frame
819-708-150	4	(124759)	AMA Translator Line Verification Test Equipment Units and Test Set
Add 819-710-150	2		
819-710-150	10	(198501)	Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also numbered 817-705-150 and 818-708-150)
819-712-150	17	(123450)	Automatic Progression Trunk Test Frames
819-712-151	1	(123262)	Test Access Frame for Automatic Call Distribution
Add 819-712-152	1		
819-712-152	1	(123266)	Automatic Call Distribution Test Frames
Add 819-713-150	2		
819-713-150	7	(123260)	Office Test Frame
819-713-151	4	(123263)	Remote Office Test Frame
819-714-150	4	(123650)	Line Insulation Test Frame
819-715-150	1	(123264)	Automatic Ringing Extension

Test Sets

819-730-150	1	(124756)	Sender Test Set and Register and CAMA Sender Test Sets
819-731-150	1	(124757)	Test Set for Timing Tests
819-732-150	1	(124761)	4-Wire Timing Test Set
Add 819-733-150	2		
819-733-150	1	(124763)	Pressing Set for Trunk Test Register

Alarm Equipment

819-750-150	7	(198355)	Alarm Equipment Units
819-751-150	15	(198304)	Alarm Transfer Equipment Units
819-752-150	6	(199232)	Audible and Visual Alarm Equipment Units for Interconnection of No. 5 Crossbar with Other Systems (also numbered 807-601-151)
Add 819-753-150	1		
819-753-150	8	(123068)	Alarm and Timing Equipment Units Associated With Permanent Signal Holding Test Trunk — Selecting and Concentrating Equipments

819-9 NO. 3 AND 5A CROSSBAR

General Information and Miscellaneous Frames and Equipments

819-900-155	9	(129157)	Power, Ringing, and Tone Distributing Frame
819-900-156	1	(129163)	Message and Traffic Register Frames and Associated Equipment Units
819-900-180	1		Performance Requirements on Sale Tests

Automatic Number Identification Equipments

819-901-150	1	(129152)	Translator Frames — Automatic Number Identification
819-901-151	1	(129153)	ANI Transverter and Connector Frame — Automatic Number Identification

Link and Junctor Grouping Equipments

819-902-150	1	(129159)	Basic 490 Line, Link Frame
819-902-151	1	(129160)	Trunk Link Frame
819-902-152	1	(129161)	Incoming Register Link Coin Supervisory Link, Outgoing Sender Test and Stuck Sender Trunk Identifier Units

Marker, Connector, and Number Group Equipments

819-903-150	1	(129154)	Marker Frame
819-903-160	1	(129156)	Connector Frame
819-903-168	1	(129166)	Number Group Frame

Register, Sender, and Translator Equipments

819-904-150	1	(129164)	Originating Register Frame
819-904-151	1	(129168)	Incoming Register Frame

819-904-150 1 (229167) Outgoing Sender — Relay Rack Frames

Trunk Equipments

819-906-140 3 (229154) General Information and Index Section for Trunk Tables — Listing Trunk Equipment Units — Functions, Features, and Options

819-906-151 1 (229154) Trunk Table RA — Intraoffice and Reverting Call — Trunks — Listing Trunk Equipment Units — Functions, Features and Options

819-906-152 2 (229154) Trunk Table PP — Trunks Incoming to No. 5A Equipment — Listing Trunk Equipment Units — Functions, Features and Options

819-906-153 2 (229154) Trunk Table PC — Outgoing Toll Switching Trunks — Listing Trunk Equipment Units — Functions, Features and Options

819-906-154 1 (229154) Trunk Table PD — Outgoing Trunks to Switchboards — Listing Trunk Equipment Units — Functions, Features and Options

819-906-155 2 (229154) Trunk Table PM — 2 Way Trunks — Listing Trunk Equipment Units — Functions, Features and Options

819-906-156 2 (229162) Trunk Frames

Test and Alarm Equipments

Add 819-907-150 2
819-907-150 2 (229165) Test and Recorder Frame

819-907-151 2 (229158) Trouble Annunciator & Display Console — Tape Recorder & Trouble Record Trunk Unit and Remote Make Busy and Restore Control Unit

No. 3 Crossbar

819-910-150 1 (229350) General Outline — Operating and Equipment Features

819-910-151 2 (229351) Miscellaneous Frames

819-910-152 2 (229352) Line Number Translator and Connector Frame

819-910-153 1 (229353) Line Link and Line Block Frames

819-910-154 2 (229354) Trunk Frames

Add 819-910-155 1
819-910-155 3 (229355) Test Frame

819-910-156 2 (229356) Incoming Register-Originating Register O Frame — Originating Register Frame and Extension Incoming Register Frame

819-910-157 1 (229357) Outgoing Sender Frame

819-910-159 1 (229359) Load and Load Test Unit

819-910-160 4 (229360) General Information and Index Section for Trunk Table Listing Trunk Equipment Units — Functions, Features and Options

819-910-162 7 (229362) Miscellaneous Frame Mounted Units

819-910-163 1 (229360) Trunk Table AP — Intraoffice and Reverting — Call Trunks — Listing Trunk Equipment Units — Functions, Features and Options

819-910-164 2 (229360) Trunk Table BP — Trunks Incoming to No. 3 Equipment — Listing Trunk Equipment Units — Functions, Features and Options

819-910-165 2 (229360) Trunk Table CP — Outgoing Trunks — Machine Switched — Listing Trunk Equipment Unit — Functions, Features and Options

819-910-166 3 (229360) Trunk Table DP — Outgoing Trunks — Associated With Switchboards — Listing Trunk Equipment Units — Functions, Features and Options

819-910-167 2 (229360) Trunk Table EP — Trunks for Miscellaneous Purposes — Listing Trunk Equipment Units — Functions, Features and Options

819-910-168 3 (229360) Trunk Table FP — Intertoll Trunks — Listing Trunk Equipment Units — Functions, Features and Options

819-910-169 3 (229360) Trunk Table GP — Miscellaneous Trunks, Circuits and Terminating Lines — Listing Trunk Equipment Units — Functions, Maintenance Options

819-910-170 3 (229360) Trunk Table MF — 2 Way Trunks — Listing Trunk Equipment Units — Functions, Features and Options

819-910-180 1 Performance Requirements for Step Trunk

DIVISION 820 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — 1, 1A, 2, 2A, 3, 4 "ESS" SWITCHING EQUIPMENT, 1A PROCESSOR, AND REMOTE SWITCHING SYSTEMS

820-0 Index, General, Trunks and Frames
- 1 1ESS Switch — Switching Networks
- 2 1ESS Switching Equipment System Control
- 3 1ESS Switching Equipment Arranged With 4 Wire Features
- 4 1ESS Switching Equipment Arranged With Data Features
- 6 1ESS Switching Equipment — Test, Maintenance, and Accounting
- 8 2, 2A, and 3ESS Switching Equipment
- 7 1A ESS Switch, 4ESS Switch, 1A Processor, and Remote Switching Systems

820-0 INDEX, GENERAL, TRUNKS AND FRAMES

Indexes

◆ 820-010-000 85 Numerical Index — Division 820 — Equipment Design and General Equipment Requirements and Engineering Information — 1, 1A, 2, 2A, 3, and 4ESS, and 1A Processor

General

Add 820-001-150 3
820-001-150 3 (160065) Central Office Equipment — General Outline

820-001-170 1 Central Office Engineering — General — Engineering Information — No. 1 Electronic Switching System

820-001-180 e Performance Requirements — Arranged With 2-Wire Features

820-005-150 8 (J1A063) Trunk Order Codes — No. 1 ESS — Arranged With 2-Wire Features

820-007-150 1 (J1A057) Index of Equipment Cross-Connections

820-008-150 2 (J1A065) 8 Link Distribution — Arranged With 2-Wire Features

820-009-150 3 (J1A036) Limiting Conductor Conditions

820-010-170 1 Signaling Range Limits — No. 1 ESS

Trunks and Frames

820-028-150 3 (J1A035) Power Distributing Frame

820-030-150 3 (J1A058) Recorded Announcement Frame — No. 1, No. 1A, and No. 2 Electronic Switching Systems — Control and Distribution Frame for Use With the Common Systems Recorded Announcement Frame (CSRAF) — No. 1 and No. 1A Electronic Switching Systems (also numbered 820-640-151)

820-031-150 5 (J1A033) Miscellaneous Trunk Frames and Units

820-031-151 6 (J1A048) Miscellaneous Frames and Units — Arranged With 2-Wire and 4-Wire Features

820-031-153 1 (J1A088) Combined Miscellaneous Trunk Frames and Units

820-031-154 1 (J1A089) 60A CPS Attendant Interface Frame — No. 1 Arranged With 2-Wire Features

820-032-150 1 (J1A083) Dynamic Overload Control Transmitter Frame — Arranged With 2-Wire Features

820-050-150 1 (J1A052) End Guards, Aisle Directories — Cable Rack Support Stanchion and Miscellaneous Alarm Units

820-053-150 1 (J1A053) Filler Units

820-069-151 1 (J1A094) Data Terminal Group

Add 820-070-150 1
820-070-150 2 (J1A068) Centrex Data Link Frame and Centrex Console Cabinet Equipment — Arranged With 2-Wire Features

820-1 1 "ESS" SWITCH — SWITCHING NETWORKS

820-101-150 2 (J1A028) Line Switching Frame

820-104-150 1 (J1A030) Trunk Switching Frame

820-104-152 1 (J1A078) Remoted Trunk Switching Frame — No. 1 and No. 1A

820-105-150 1 (J1A070) Service Link Frame — Arranged With 2-Wire Features

820-106-150 1 (J1A029) Junctor Switching Frame

820-108-150 3 (J1A031) Junctor Frame

820-110-150 1 (J1A047) Junctor Grouping Frame

820-110-151 1 (J1A085) 12 File Junctor Grouping Frame

820-120-150 5 (J1A032) Universal Trunk Frame

820-120-151 1 (J1A084) Miniaturized Universal Trunk Frame — No. 1 ESS — Equipment Design Requirements — Electronic Switching System

820-121-150 1 (J1A090) HILO Universal Trunk Frame

820-121-151 1 (J1A091) HILO Miscellaneous Trunk Frame — No. 1 and No. 1A ESS

820-2 1 "ESS" SWITCHING EQUIPMENT SYSTEM CONTROL

820-200-150 1 (J1A037) Central Control

820-202-150 3 (J1A038) Call Store — For Use With Central Control and Signal Processor and Buffer Control

820-202-151 4 (J1A072) 32K Call Store for Use With Central Control and Signal Processor and Buffer Control

820-204-150 2 (J1A039) Program Store

820-204-151 2 (J1A064) Program Store Memory — Arranged With 2-Wire Features

Add 820-204-152 1
820-204-152 2 (J2A013) Program Store Memory — Arranged With 4-Wire Features

820-206-150 1 (J1A049) Signal Processor

820-230-150 3 (J1A034) Central Pulse Distributor Frame — Arranged With 2-Wire, 4-Wire And Data Features

Add 820-232-150 1
820-232-150 3 (J1A043) Master Scanner Frame — Arranged With 2-Wire, 4-Wire, and Data Features (Also numbered 820-630-155 and 821-410-154)

820-3 1 "ESS" SWITCHING EQUIPMENT ARRANGED WITH 4-WIRE FEATURES

Add 820-301-150 1
820-301-150 3 (J2A002) Trunk Switching Frame

Add 820-303-150 1
820-303-150 3 (J2A001) Junctor Switching Frame

820-304-150 1 (J2A005) Junctor Grouping Frame

Add 820-307-150 2
820-307-150 2 (J2A004) Universal Trunk Frame

820-308-150 4 (J2A003) Miscellaneous Trunk Frame

820-316-150 3 (J2A006) Filler Units

820-316-150 1 (J2A016) Office Status Display Frame

820-316-151 1 (J2A017) Office Status Display Remote Units — No. 1 ESS Arranged With 4-Wire Features

820-320-150 1 (J2A007) Simplex Converter Frame Arranged With 4-Wire Features

820-321-150 2 (J2A011) Preempt Tone and Repeated Alarm Line Applique Frame — Arranged With 4-Wire Features

820-322-150 1 (J2A019) Multiaddress Frames — Offices Arranged With 4-Wire Features

820-393-150 2 (J2A003) Line Applique Frame — Offices Arranged With 4-Wire Features

820-394-150 2 (J2A008) Control, Display, and Test Frame — Master Control Center

820-4 1 "ESS" SWITCHING EQUIPMENT ARRANGED WITH DATA FEATURES

820-401-150 1 (J3A001) Magnetic Character Assembler Disassembler

820-402-150 2 (J3A002) Delay Line Character Assembler/Disassembler (DCAD)

820-403-150 1 (J3A004) Logic Character Assembler Disassembler

820-404-150 2 (J3A006) Tape Unit Control Frame

820-404-151 1 (J3A005) Tape Unit Frame

820-405-150 2 (J3A007) Primary Message Store

820-406-150 1 (J3A008) Buffer Control

820-407-150 1 (J3A016) Program Store Memory — Arranged With Data Features

820-410-150 1 (J3A013) Voiceband Digital Data Set Frame

820-5 1 "ESS" SWITCHING EQUIPMENT — TEST, MAINTENANCE, AND ACCOUNTING

Add 820-501-150 1

820-501-150 3 (J1A041) Automatic Message Accounting and Teletypewriter Frame and Universal Teletypewriter Equipment — Master Control Console

820-501-151 1 (J1A071) Test Tape for 9-Track AMA — Arranged With 2-Wire Features

820-502-150 6 (J1A042) Control, Display, and Test Frame — Master Control Center and Supplementary Trunk Test Frame — Arranged With 2-Wire and Data Features

820-502-151 1 (J1A07A) Remote Office Test Line — No. 1 or No. 1A ESS — Arranged With 2-Wire Features

820-503-150 1 (J1A040) Memory Card Writer Frame — Master Control Center

820-504-150 5 (J24753) Test Set for Timing Tests

820-505-150 1 (J1A069) Plug-in Trunk Unit Test Shelf — Arranged With 2-Wire Features

820-505-151 2 (J1A082) Outgoing Test Trunk Set for Board and Board Testing Arranged With 2-Wire Features

820-6 2, 2A, AND 3 "ESS" SWITCHING EQUIPMENT

General

820-600-151 3 (J2H032) Limiting Conductor Conditions — No. 2 and No. 2B — Arranged With 2-Wire Features

820-600-152 4 (J2H031) Trunk Equipment Tables — Arranged by Functions and Features — Arranged With 2-Wire Features

820-600-153 3 (J2H033) Index of Equipment Cross-Connections — No. 2 and No. 2B ESS Arranged With 2-Wire Features

Add 820-600-154 1

820-600-154 1 (J2H036) 2-Wire No. 2 or 2B ESS Arranged in Modular Buildings — No. 2A or 2C ESS

820-600-155 2 (J2H03AA-1) — Serial Peripheral Unit Control for/Data Unit (SPUC/DU) — 2B Electronic Switching System

820-600-180 4 Performance Requirements — Arranged With 2-Wire Features

820-600-186 4 Performance Requirements — No. 2B ESS

Trunks and Frames

820-610-150 1 (J2H017) Universal Trunk and Junctor Frame — Arranged With 2-Wire Features

820-610-151 3 (J2H018) Miscellaneous Trunk Frame — Arranged With 2-Wire Features

820-610-153 2 (J2H03A) Range Extension Frame — Arranged With 2-Wire Features

Switching Networks

820-620-150 2 (J2H022) Junctor Grouping Frame — Arranged for 2-Wire Features

820-620-151 1 (J2H025) Line/Trunk Switching Frame — Arranged With 2-Wire Features

820-620-152 1 (J2H026) Network Control Junctor Switching Frame

820-620-154 1 (J2H1124) - Remoted Network — No. 2 and No. 2B — Electronic Switching Systems

820-620-155 1 (J2H048) Load Range Extension — Common ESS Arranged With 2-Wire Features

System Control

Add 820-630-150 1

820-630-150 2 (J2H002) Control Processor Frame — No. 2 ESS Arranged With 2-Wire Features or — Automatic Intercept Center No. 1A in AIS Electronic Switching and Traffic Service System (Also numbered 821-410-150)

820-630-151 2 (J2H005) Call Store — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service System (Also numbered 821-410-152)

820-630-152 2 (J2H023) Supplementary Control Pulse Distributor Frame — Arranged With 2-Wire Features

820-630-153 4 (J2H030) - Program Store Memory — Arranged With 2-Wire Features

820-630-154 2 (J2H027) Program Store Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821-410-155)

Add	820.630.155	1	
	820.630.155	3	(1A048) Master Scanner Frame — No. 1 ESS Arranged With 2 Wire, 4 Wire, and Data Features or No. 2 ESS Arranged With 2 Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 820.232.151 and 821.410.154)
	820.630.158	1	(2H101) Tape Cartridge IKS-21439 Data Cartridge No. 2B ESS Arranged With 2 Wire Features

Test, Maintenance and Accounting

Add	820.640.150	1	
	820.640.150	3	(2H003) Maintenance Center Frame — No. 2 ESS Arranged With 2 Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821.410.151)
	820.640.151	3	(1A058) Recorded Announcement Frame — No. 1, No. 1A, and No. 2 Electronic Switching Systems — Control and Distribution Frame for Use With the Common Systems Recorded Announcement Frame (CSRAF) — No. 1 and No. 1A Electronic Switching Systems (Also numbered 820.030.150)
	820.640.152	2	(2H039) Remote Office Test Line Frame — No. 2 ESS — Arranged With 2-Wire Features
	820.640.153	2	(2H024) Trunk Test Frame — No. 2 ESS Arranged With 2 Wire Features Equipment Design Requirements — Electronic Switching Systems
	820.640.154	1	(2H021) Automatic Message Accounting Frame
	820.650.180	2	Performance Requirements — No. 3 ESS
	820.651.150	1	(3H001) No. 3 ESS Equipment Design Requirement — Electronic Switching System

820-7 1A "ESS" SWITCH, 4 "ESS" SWITCH, NO. 1A PROCESSOR, AND REMOTE SWITCHING SYSTEMS

No. 1A Processor

820.701.150	3	(5A001) Processor Peripheral Interface Frame, Control and Display Frame, and Master Control Console — Arranged for 1A ESS Switch 2-Wire and 4ESS Switch
820.701.151	2	(5A005) Central Control Frame — 1A Processor — Arranged for 1A ESS* Switch 2-Wire and 4ESS Switch
820.701.152	3	(5A008A) Input/Output Frame and Input/Output Processor Frame — 1A Processor Arranged for 1A ESS Switch 2-Wire and 4 ESS Switch
820.701.153	1	(5A002) Tape Frame — Arranged for No. 1A ESS With 2-Wire Features and No. 4 ESS
820.701.154	1	(5A003) Call Store and Program Store — Arranged for No. 1A ESS Arranged With 2-Wire Features and No. 4 ESS
820.701.155	1	(5A004) File Store Frame — 1A Processor
820.701.156	9	(5A007) Power Conversion and Distribution Frames for Use With 1A ESS* 2-Wire and 4ESS 1A Processor
820.701.161	1	(5A012) Auxiliary Processor Interface Frame — Equipment Energy Requirements — Electronic Switching Systems

1A ESS Switch

Add	820.720.180	3
	820.720.180	1 Performance Requirements — Arranged With 2 Wire Features
	820.721.150	1 (1AA001) Trunk and Line Test or Supplementary Trunk Test Frame — Arranged With 2 Wire Feature

4 ESS Switch

820.740.150	1	(4AA000) No. 4 ESS — Summarized Specification
820.740.151	1	Spare Parts Requirement
820.740.152	1	Trunk Compatibility — No. 4 ESS
820.740.180	1	Performance Requirements — No. 4 ESS
820.741.150	1	(4AA001) Time Slot Interchange Frame
820.741.151	1	(4AA002) Time Multiplexed Switching Frame
820.741.152	1	(4AA003) Signal Processor 1
820.741.153	2	(4AA004) - Network Clock Frame
820.741.154	1	(4AA005) Peripheral Unit Bus Branching Frame
820.741.156	3	(4AA007) Remote Office Test Line Frame
820.741.157	1	(4AA008) — Signal Processor 2
820.741.158	2	(4AA009) Common Channel Interoffice Signaling Terminal Group
820.741.159	2	(4AA010) Miscellaneous Frames A and B
820.741.160	2	(4AA011) Network Management Display — 4 to 4 ESS
820.741.161	1	(4AA012) Office Alarm Unit Equipment
820.741.164	1	(4AA015) Digital Services Complex — No. 4 ESS
820.741.165	1	(4AA016) Multifrequency Compelled Transceiver Frame

Remote Switching System

820.760.001	1	Remote Switching System Frame — No. 10A
820.760.002	3	No. 10A — Remote Switching System — Performance Requirements

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DIVISION 821 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — TRAFFIC SERVICE SYSTEMS

821-0 Indexes, General Information, and Miscellaneous Equipments

1 Traffic Service Position System No. 1

- -4 Automatic Intercept System
- -7 Switchboards and Operating Room Desks and Associated Equipment
- -9 Auxiliary Service Positions

821-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

Indexes

♦ 821-000-000 1 Numerical Index — Division 821 — Equipment Design and General Equipment Requirements and Engineering Information — Traffic Service Systems

General

821-005-150 5 (199280) Centralized Supervisory Equipment

Add 821-006-150 1
821-006-150 3 (118023) Mechanized to Programmable Switchboard Operators Training — Traffic Service Position No. 1008 or 100C

821-006-151 6 (161592) Toll Operators Training Equipment

Add 821-006-152 1
821-006-152 3 (161565) No. 3C Switchboard Emergency Permanent Operator — Training Equipment

821-006-153 3 (192901) DSA Operators' No. 2B Training Equipment

821-006-154 1 (199902) — 3A Information Operator's Training Equipment

821-006-155 4 (192903) — No. 4A Operator Training Equipment

821-006-156 2 (192904) — Operators Keysetting Drill Trailer

821-006-157 1 (199249) — Portable Switchboard Section — CAMA Training

821-007-150 1 (161557) Toll Switchboards — Modifications Required to Provide Mobile Radio Telephone Service

821-007-151 5 (167301) Pneumatic Ticket Distributing System — Toll Switchboards No. 1, 3, and 3C

821-007-155 6 (165701) — Distributing, Ticket Filing, and Rate Quoting Desk No. 43A, 43B and 43C

821-007-180 2 Performance Requirements — Pneumatic Ticket Distributing System

821-009-150 4 (199224) Noise Reduction Equipment for Operating Rooms

821-1 TRAFFIC SERVICE POSITION SYSTEM NO. 1

General

821-100-150 3 (118000) — General

821-100-180 3 Performance Requirements

821-101-150 4 (118017) — Trunk Tables Showing Trunk Equipment Arranged by Functions and Features — No. 1 and 1E

Frames

Add 821-120-150 2
821-120-150 4 (118001) Universal Trunk Frame

821-121-150 3 (118002) Time Link Network Frame

Add 821-122-150 1
821-122-150 4 (118003) Package Link Network Frame

Add 821-123-150 1
821-123-150 5 (118004) Miscellaneous Trunk Frame

Add 821-124-150 1
821-124-150 5 (118005) Position Group Gate Frame

Add 821-125-150 1
821-125-150 5 (118006) Position Scan Frame

Add 821-126-150 1
821-126-150 6 (118007) 100C Traffic Service Position Section and Associated Operating Room Equipment

821-127-150 4 (118008) Recorded Announcement Frame

821-128-150 7 (118009) Miscellaneous Frame and Units — Traffic Service Position System No. 1, 1E

821-129-150 3 (118010) Communication Bus Translator Unit

Add 821-130-150 1
821-130-150 6 (118011) Control, Display, Test Frame

821-131-150 3 (118012) Automatic Message Accounting Frame

821-131-151 3 (118031) Test Tape for 9 Track AMA

821-132-150 3 (118014) Power Distributing Frame — Miscellaneous Power Distributing Frame

821-133-150 5 (118016) Position Signal Distribution Frame

821-134-150 3 (118018) Time-of-Day Frame

821-135-150 5 (118019) Position Buffer Frame

Add 821-136-150 2
821-136-150 3 (118035) Teletypewriter Trunk and Buffer Frame (TTY T&B) — Teletypewriter Buffer Frame (TTY B) and Data Set Frame (DS)

821-137-150 1 (118051) Signaling Converter and Sequence Interface Frame

821-138-150 3 (118043) Position and Trunk Control Frame — Position Subsystem No. 2/Remote — Trunk Arrangement No. 1

821-138-151 3 (118049) Position Voice Control Frame — Position Subsystem No. 2

Add 821-138-152 1
821-138-152 2 (118041) Group Gate Frame Traffic Service Position System No. 1, 1B — Position Subsystem No. 2/Remote Trunk — Arrangement No. 1

Add 821-138-153 1
821-138-153 2 (118048) Test and Display Frame — Traffic Service Position System No. 1 — Position Subsystem No. 2 — Remote Trunk Arrangement No. 1

821-138-154 2 (J18044) Remote Trunk Arrangement No. 1

821-138-155 2 (J18046) Concentrator Frames

821-138-156 3 (J18050) Remote Carrier Transfer and Miscellaneous Units Frame — Position Subsystem No. 2 — Remote Trunk Arrangement No. 1

821-139-150 2 (J18053) - Controller Frame — No. 1 and 1B — Station Signaling and Announcement Subsystem

821-139-151 2 (J18054) Service Circuit Frame — Station Signaling and Announcement Subsystem — No. 1B

Miscellaneous Equipment

821-181-150 6 (J18013) - Store Memory Magnetic Tapes

821-182-150 1 (J18052) - Trunk Monitor and Make Busy Unit — Traffic Service Position System No. 1 — Remote Trunk Arrangement No. 1

821-4 AUTOMATIC INTERCEPT SYSTEM

General

821-400-150 1 (J18020) — General

821-400-180 1 Performance Requirements

Frames

Add 821-410-150 1
821-410-150 2 (J2H0027) - Central Processor Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-630-150)

Add 821-410-151 1
821-410-151 3 (J2H0031) - Maintenance Center Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-640-150)

821-410-152 2 (J2H0051) - Call Store — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-630-151)

821-410-153 2 (J18021) - Automatic Intercept Center No. 1A

Add 821-410-154 1
821-410-154 3 (J1A043) - Master Scanner Frame — No. 1 ESS Arranged With 2-Wire, 4-Wire, and Data Features or No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-232-150 and 820-630-155)

821-410-155 2 (J2H0027) - Program Store Frame — No. 1 ESS Arranged With 2-Wire Features or Automatic Intercept Center 1A in AIS (Also numbered 820-630-154)

Miscellaneous

821-420-150 2 (J18022) - Centralized Intercept Bureau No. 1A for Use in Automatic Intercept System

821-420-151 1 (J18032) - Program Store Memory — No. 1A

821-420-152 1 (J18042) - File Access Subsystem — For Use With Automatic Intercept Center No. 1A

821-420-153 2 (J18055) - No. 2 Data Base Administration System

821-7 SWITCHBOARDS AND OPERATING ROOM DESKS AND ASSOCIATED EQUIPMENT

821-700-150 4 (J91501) — 8-1/2" Panel Switchboard Sections

821-700-152 1 (J61541) - Toll Switchboard No. 1 — AC Key Pulsing and Associated Cord Modifications

821-700-153 6 (J61554) - No. 1 Toll Switchboard — 92 Jack — Three and Nine 8-1/2 Inch Panel Sections

Add 821-700-154 1
821-700-154 3 (J61525) - No. 1, 3, 3C, and 3CI Toll Switchboards — Intertoll Dialing Equipment Arranged for CX, SX, SF, or NT Carrier Signaling

821-700-157 6 (J61555) - No. 3 Toll Switchboard — 92 Jack Switchboard Equipment — Three or Nine 8-1/2 Inch Panel Sections

Add 821-700-159 1
821-700-159 7 (J61528) - No. 3CI Toll Switchboard — Keyshelf Height 40 Inches — Position Lower Unit Equipment — 8-1/2 Inch Panel Section

821-700-160 4 (J61529) - No. 3C Toll Switchboard Equipment

Add 821-700-161 1
821-700-161 6 (J61540) - No. 3C and 3CF Toll Switchboards — Keyshelf Height 30 Inches — Position Unit Equipment — 8-1/2 Inch Panel Sections

821-700-162 5 (J61535) - No. 3CF Toll Switchboard and Associated Equipment

Add 821-700-165 1
821-700-165 7 (J91107) - No. 3CI Switchboard — Positional Lower Unit Equipment — Toll and Dial Systems "A" Switchboards

821-700-166 3 (J91110) - No. 3CI Switchboard — 8-1/2 Inch Panel Switchboard Sections

821-700-167 2 (J91111) - Miscellaneous Switchboard Position Equipment — Toll, DSA, and Manual Switchboards

821-700-168 3 (J91112) - AC Lamp Equipment for Idle Indication — DSA Toll, and Telegraph Switchboards

821-700-180 2 Performance Requirements — No. 1 and 1B Toll Switchboards — No. 3, 3B, 3C, 3CF, and 3CI Switchboards

821-701-150 7 (J61558) - No. 5 Toll Switchboard — Position Lower Unit Equipment — 8-1/2 Inch Panel Sections

821-701-151 4 (J61559) - No. 5 Toll Switchboard — Switchboard Equipment

821-701-155 1 (J61568) - No. 5C Switchboard — Switchboard Equipment

821-701-159 X (J61568) - No. 5C and 5D Switchboards — Position Lower Unit Equipment — 8-1/2 Inch Panel Sections

821-701-160 2 (J61567) - No. 5D Switchboard — Switchboard Equipment

Add	821-702-150	1	
	821-702-150	1	(J18029) - Incoming, Outgoing, and 2-Way Trunks — Relay Rack Units
	821-702-151	7	(J61585) - Incoming, Outgoing and Two-Way Trunks — Relay Rack Units — Toll Switchboards
	821-703-150	2	(J18030) - Multiport Conference Service-Trunk and Control Equipment
	821-703-151	1	(J18036) - Trunk Equipment — Coastal Harbor Radio Telephone Service — Single Sideband Operation for Use With Toll Switchboards — No. 3, 3C and 3CI
Add	821-704-150	1	
	821-704-150	11	(J94910) - Framework and Equipment for No. 23 Operating Room Desk
	821-704-151	5	(J94911) — No. 23 — General
	821-704-152	1	(J18037) — Incoming Trunk Test Set for Use With No. 23 Operating Room — Desk Trunk Concentrator Arranged for ANI Operation — AIS System
	821-704-180	1	Performance Requirements — Operating Room Desks — No. 23A, 23B, 23C, and 23D
	821-706-150	6	(J61573) - Recording and Recording Completing Trunk — Relay Rack Mounted Units — Toll Switchboards
Add	821-706-151	1	
	821-706-151	12	(J61508) - Relay Rack Mounted Units — Toll Switchboards
	821-706-152	10	(J61533) - Relay Rack Mounted Units — Toll Switchboards
	821-706-153	5	(J61571) - Intertoll Trunks — Relay Rack Mounted Units — Toll Switchboards
Add	821-706-154	1	
	821-706-154	8	(J61572) - Toll Switching Trunk — Relay Rack Units — Toll Switchboards
Add	821-706-155	1	
	821-706-155	3	(J61574) - Subscriber Lines — Relay Rack Units — Toll Switchboards
Add	821-706-156	1	
	821-706-156	4	(J61575) - Operator Office Trunks — Relay Rack Units — Toll Switchboards
	821-706-157	4	(J61576) - Tandem Trunks — Relay Rack Mounted Units — Toll Switchboards
	821-706-158	3	(J61577) - DSA Service — Relay Rack Mounted Units — Toll Switchboards
	821-706-159	2	(J61578) - Interoffice Trunks — Relay Rack Mounted Units — Toll Switchboards
Add	821-706-160	2	
	821-706-160	8	(J61579) - Miscellaneous Relay Rack Units — Toll Switchboards
	821-708-150	9	(J61604) - Senders Frames and Units and Associated Sender Test Frame Equipment for Use With No. 1, 3, 3B, 3C, and 3CI Toll Switchboards Arranged to Receive DC or MF Keypulsing and Transmit Reverse Pulses
	821-708-151	8	(J93201) - Sender Frames and Units and Associated Equipment for Use With No. 1, 1B, 3, 3B, 3C, and 3CI Toll Switchboards and No. 15C or 15D Switchboard in Step-by-Step Offices and With Incoming Multifrequency Intertoll Trunks
	821-708-152	7	(J98401) - Links and Link Frame for Use With No. 1, 1B, 3, 3B, 3C, and 3CI Toll Switchboards or Step-by-Step DSA Switchboard
	821-709-150	8	(J93401) - Sender Test Frame, Manual Test Units and Common Timing and Alarm Units for Testing Senders Arranged to Receive DC Key Pulses or Multifrequency Pulses and to Transmit Dial Pulses for Use With No. 1, 1B, 3, 3B, 3C, or 3CI Toll Switchboard and No. 15 Type Switchboard in Step-by-Step Offices or With Incoming Multifrequency Intertoll Trunks
Add	821-709-151	1	
	821-709-151	3	(J63003) - Position Test Units — No. 1, 3, 3B, and 3C Toll Switchboards — No. 3CI and 11 Switchboards — No. 8 Test and Control Board — No. 5, 16, 17B, and 18B Testboards — No. 9 Telegraph Testboard
	821-709-152	4	(J64717) - Control Set (Box Type) for Position Test Circuit — No. 3, 3B, and 3C Toll Switchboards, No. 11 Switchboard, No. 8 Test and Control Board, No. 5, 16, 17B and 18B Toll Testboards, No. 9 Telegraph Testboard
	821-709-153	2	(J64728) - Testing and Maintenance — Position Testing Control Set and Associated Relay Rack Unit — No. 5, 5C, and 5D Toll Switchboards
	821-709-154	7	(J64703) - Control Test Set (Box Type) for Continuity and Multiple Jack Testing — No. 1, 1B, and 2 Toll Switchboards — No. 5 and 17C Testboard — No. 18B Testboard in No. 1 or 4 Toll Office — No. 10, 10, and 11 Switchboards — No. 1 Toll Tandem Switchboard — Tandem Patching Bay — No. 9 Telegraph Testboard
Add	821-715-150	1	
	821-715-150	3	(J95405) - Equipment in Outlying Offices Associated With Information Desks No. 2, 3, 3A, 3B, 4, 4A, 4B, 6A, 6B, 6C, 6D, 6E, 6F, 7, and 7A and Operating Room Desk No. 19, 23E, and 23F
	821-715-152	6	(J93002) - Equipment Arrangements for Information Trunks Arranged for Transfer — No. 1 and 2 Information Desks and No. 17D and 19 Operating Room Desks
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	821-716-153	7	(J95401) - No. 3 and 3B Information Desk
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	821-716-160	2	(J95412) - Information Desks No. 3A, 4A, 6C, and 6F — Modification of Existing Installation to Increase Speed of Trunk Hunting Selectors

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821 903 150 2 (J18024) No. 1A

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821 903 151 2 (J18025) Framework and Equipment

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821 904 150 4 (J18026) No. 1A, 2A, 2B, or 2C — Relay Rack Mounted Units

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821 905 151 1 (J18038) No. 5B1 and 5C1 for Use With No. 5 Crossbar ACD — Not Arranged for Call Transfer

821 905 152 1 (J18039) No. 5B2 & 5C2 and Associated Supervisory Equipment for Use With No. 5 Crossbar ACD — Arranged for Call Transfer

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981-207-100 1 No. 305 Switching System

981-207-101 1 305 Switching System for BUIC Phase III Operation — General Description

	981-207-102	1	Switching System No. 305 — Training and Simulation
	981-208-100	4	Switching System No. 306 — General Description
	981-209-100	2	Switching System No. 307 — General Description
	981-210-100	2	Switching System No. 309 — (AUTOVON) — General Description
Add	981-211-100	1	
	981-211-100	2	Switching System No. 310
	981-212-100	2	Modular Terminal Communication System (MTCS) — General Description
	981-224-100	2	No. 400 Switching System
	981-225-100	3	Emergency Reporting System — 520-Type Private Branch Exchange — Direct Line Systems
	981-225-101	1	Industrial Reporting System — 520 Type Private Branch Exchange
	981-226-100	3	Emergency Reporting System — 520-Type PBX — Concentrator System
	981-226-110	1	8A Key Telephone System for Use at 911 Emergency Answering Bureaus — Basic Service — General Description
	981-227-100	1	10A Alerting System — General Description
	981-228-100	2	11A Alerting System — General Description
	981-234-100	3	Force Administration Data System (FADS) When Used With 2A and 3A Automatic Call Distributing System
Add	981-235-100	1	
	981-235-100	2	2A Automatic Call Distributing System
	981-235-101	2	2B Automatic Call Distributing System — General Description
Add	981-236-100	2	
♠	981-236-100	2	3A Automatic Call Distributing System
	981-237-100	2	4A Call Distributing System (4A CD)
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	981-240-100	2	1A Telephone Answering System
	981-248-100	1	2A Communication System — (Business Interphone) — General Description
	981-264-100	5	4-Wire Private Line Terminating Circuit SD-69566-01 — General Description
	981-268-100	3	3A Communication System — (Hospital Interphone)
	981-951-100	1	Loudspeaker Paging System — General Description
	981-261-100	2	Interface Trunk Circuit SD-66926-01 — For PBX Systems, No. 5 Crossbar, and No. 1 and No. 101 Electronic Switching Systems
	981-970-100	2	PBX Access Lines — (Autovon) — General Description
	981-271-100	1	Dial Restoration Panel — (Autovon) — General Description
	981-272-100	1	Addressable Data SAGE/BUIC — Phase III SD-1G246-01, SD-1G245-01, SD-1G246-01, SD-1G250-01
	981-273-100	2	Dial Restoration and Auxiliary Control for SAGE/BUIC III — General Description
Add	981-281-100	1	
	981-281-100	1	Civil Defense Warning System (CDWS) — Bell and Lights System — General Description
	981-282-100	1	Primary Crash Alarm System (Crash Phone) — General Description

981-3 CUSTOMER PREMISES SYSTEM

	981-300-100	2	50A

981-5 500 AND 600 SERIES PRIVATE BRANCH EXCHANGE

	981-510-100	1	506A
	981-530-100	2	557A
	981-531-100	2	557B PBX for Secretarial Answering Service
	981-558-100	1	558A
	981-560-100	1	607A and 607B Multiple
	981-561-100	2	608A

981-6 700 SERIES PRIVATE BRANCH EXCHANGE

	981-601-100	3	Arrangement for Automatic Number Identification (ANI) Circuit (SD-1E007-01)
	981-610-100	1	701B and 711B
	981-610-101	1	701B — Arranged for Operation With Intercom Consoles
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	981-611-100	2	701PC
	981-660-100	6	756A
	981-662-100	3	757A
	981-664-100	2	758C — Description
	981-664-101	1	758C Switching System for Switched Digital Data System (SDDS)
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	981-680-100	6	772A

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	981-708-100	1	801A

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982-2 Private Line Terminations
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982-2 PRIVATE LINE TERMINATIONS

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982-328-100 1 SS-3 TOUCH-TONE Selective Signaling System — General Description

982-329-100 3 SS-4 Selective Signaling System — General Descriptive Information — Private Line Telephone Service

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984-0 INDEXES

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984-502-100 3 3B Traffic Usage Recorder SD-99359-01 — General Description

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2011
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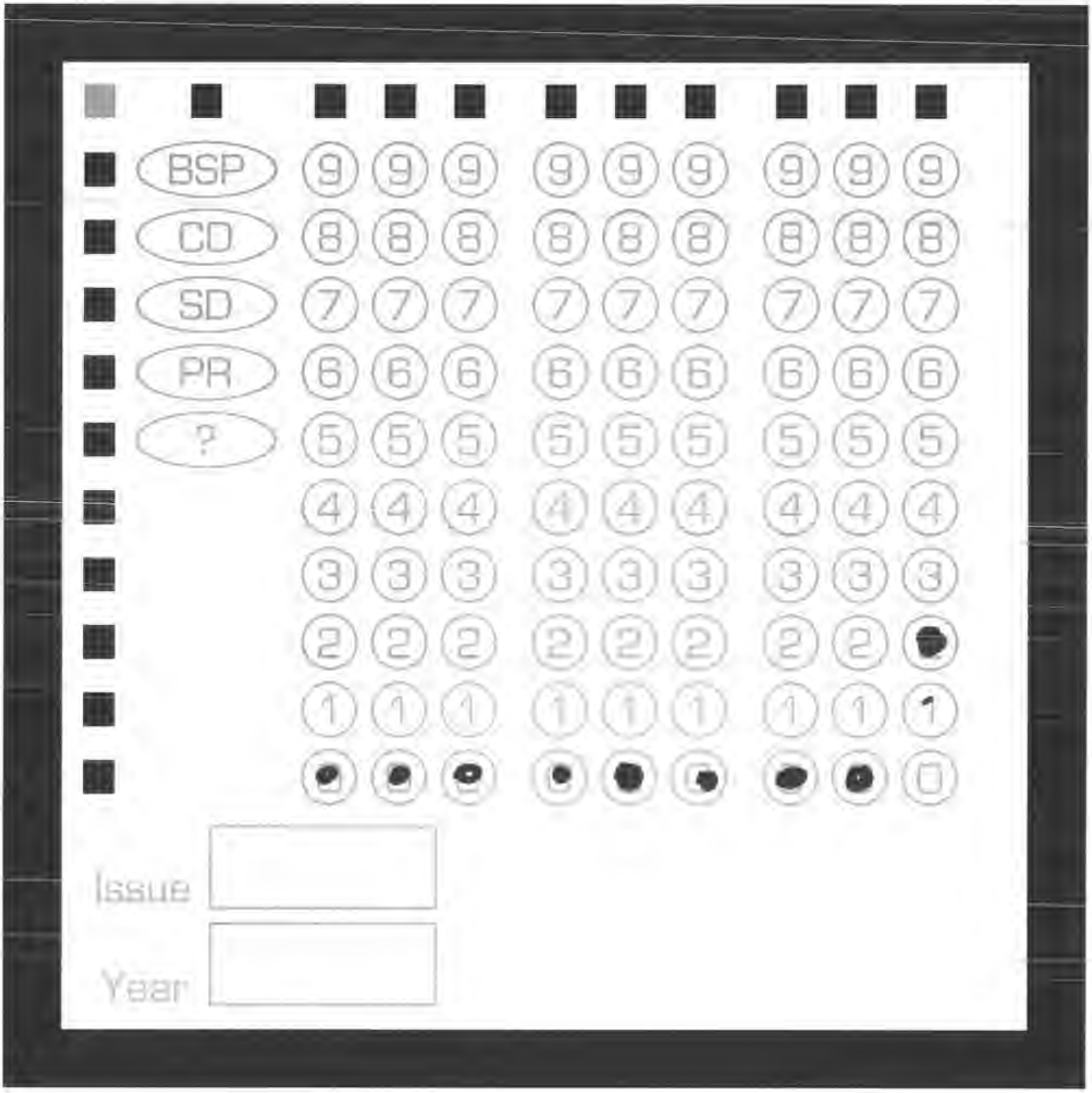

5. CATALOG OF INDEXES

A. General

5.01 This catalog provides a numerical listing of indexes (excluding divisional numerical indexes) such as alphabetical, permuted, interdivisional, etc., released as Bell System, AT&T Western Electric, and AT&T Previews.

5.02 Each index entry consists of the 9-digit practice number of the index, the latest issue number, and the subject of the index.

5.03 A star (★) indicates an item rated AT&T-SPCS which contains trade secret information and which is available to authorized addresses only.

5.04 A solid triangle (▲) indicates a new or reissued item which, because of their limited need, will not be distributed on standing order except through coded distribution. Additional copies may be obtained by placing regular (one-time) orders.

5.05 A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy practices. In some cases, the microfiche will reflect the next higher issue as a result of the reduced distribution interval.

5.06 "Add" is the abbreviation for Addendum.

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June 1984
AT&T 000-000-002

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